

INVITATION TO BID		LSU	BID DUE DATE AND TIME	
BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL & MECHANICAL COLLEGE			11/10/2016 11:00 AM CT	
SOLICITATION RFQ-0000000089 SUPPLIER # SUPPLIER NAME AND ADDRESS <div style="border: 1px solid black; height: 100px; width: 350px; margin-top: 10px;"></div>			RETURN BID TO Louisiana State University and Agricultural and Mechanical College Procurement 213 Thomas Boyd Hall Baton Rouge, LA 70803 Buyer Amy Hill Bourgeois Buyer Phone 225-578-8651 Buyer Email ahill5@lsu.edu Issue Date 10/24/2016	
TITLE: LSU Police Department Uniforms – Term Contract				
In accordance with RS 39:1655, this solicitation specifications have been approved as proprietary and only bidders bidding the exact brand(s) and model number(s) will be considered for award.				
<p style="text-align: center;">To Be Completed By Supplier</p> 1. _____ "No Bid" (sign and return this page only). 2. _____ My Company does not wish to receive future solicitations for this spend category. 3. Specify your Delivery: To be made within _____ days after receipt of order. 4. If applicable, Supplier's Addendum Acknowledgement/Response: As an authorized agent/signatory of the supplier, I/we acknowledge receipt of this Addendum, and _____ submit no alterations/clarifications to our original bid. _____ submit superseding revisions/clarifications to our original bid as written herein or attached hereto.				
<p style="text-align: center;">General Instructions to Suppliers</p> 1. Sealed bids for furnishing the items and/or services specified are hereby solicited, and will be received by LSU Procurement at the "Return Bid To" address stated above, until the specified due date and time. 2. Read the entire solicitation, including all terms, conditions and specifications. 3. All bid information and prices must be typed or written in ink. Any corrections, erasures or other forms of alteration to unit price are to be initialed by the supplier. 4. Bid prices are to be quoted FOB LSU/Destination and inclusive of any and all applicable shipping and handling charges unless otherwise specified in the solicitation. Any invoiced delivery charges not quoted and itemized on the LSU purchase order are subject to rejection and non-payment. 5. Payment is to be made within 30 days after receipt of properly executed invoice, or delivery and acceptance, whichever is later. 6. By signing this solicitation, the supplier certifies compliance with all general instructions to suppliers, terms, conditions and specifications; and further certifies that this bid is made without collusion or fraud.				
SUPPLIER NAME			MAILING ADDRESS	
AUTHORIZED SIGNATURE			CITY, STATE ZIP	
PRINTED NAME			PHONE #	
TITLE			FAX #	
E-MAIL			FEDERAL TAX ID #	

STANDARD TERMS & CONDITIONS	INVITATION TO BID	Page 2
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<p>These standard terms and conditions shall apply to all LSU solicitations, unless otherwise specifically amended and provided for in the special terms and conditions, specifications, or other solicitation documents. In the event of conflict between the General Instructions to Suppliers or Standard Terms & Conditions and the Special Terms & Conditions, the Special Terms & Conditions shall govern.</p> <p>Bids submitted are subject to provisions of the laws of the State of Louisiana, including but not limited to: the University Procurement Code (LAC 34:XIII. Chapters 3-25) and the terms, conditions, and specifications stated in this solicitation.</p> <ol style="list-style-type: none"> 1. Supplier Enrollment Suppliers providing a bid/quote in response to a LSU solicitation must be setup in the University's new procurement system (Workday) for bid tabbing and award of a purchase order. Suppliers should complete the online supplier registration form prior to submitting a bid response and/or the bid due date and time to ensure bid tabbing can be done timely after the bid deadline. This website is used in place of a paper form and must be accompanied with an IRS Request for Taxpayer Identification Number and Certification form (W-9 or W-8 if foreign) to collect the required business and tax information that support the University's reporting and compliance requirements. To inquire if you or your company is setup or for questions regarding setup, email suppliers@lsu.edu. The supplier enrollment form can be located at: http://www.lsu.edu/administration/ofa/procurement/supplier_registration.php 2. Bid Delivery and Receipt Bids must be received and time-stamped at the "Return Bid To" address no later than the due date and time specified herein. To assure consideration, your bid must be submitted in a sealed envelope or package and should be clearly and prominently marked with the solicitation number and bid due date, or may be submitted in the special bid return envelope if one was furnished for that purpose. Supplier are advised that the U.S. Postal Service does not make deliveries to our physical location. USPS mail is delivered to the University's mail center and is redelivered using internal resources. Suppliers may deliver bids by hand or by a courier service to the Procurement Office. The University shall not be responsible for any delays caused by the supplier's chosen means of bid delivery. Supplier is solely responsible for the timely delivery of its bid, and failure to meet the bid due date and time shall result in rejection of the bid. Late bids cannot be accepted per LAC 34:XIII.515.B. 3. Bid Forms Bids are to be submitted on the LSU solicitation forms provided, and must be signed by an authorized agent of the supplier in accordance with LAC 34:XIII.517. Bids submitted on other forms or in other price formats may be considered informal and may be rejected in part or in its entirety. Bids submitted in pencil and/or bids containing no original signature indicating the supplier's intent to be bound will not be accepted. 4. Interpretation of Solicitation/Supplier Inquiries If supplier is in doubt as to the meaning of any part or requirement of this solicitation, supplier may submit a written request for interpretation to the Buyer-of-Record at the address and/or fax number shown above. Written inquiries must be received in the Procurement Office no later than 4:30 pm CST four (4) business days prior to the opening of bids, and shall be clearly crossreferenced to the relevant solicitation/specification in question. No decisions or actions shall be executed by any supplier as a result of oral discussions with any LSU employee or consultant. Any interpretation of the documents will be made by formal addendum only, issued by the Procurement Office, and mailed or delivered to all suppliers known to have received the solicitation. LSU shall not be responsible for any other interpretations or assumptions made by supplier. 5. Bid Addenda Bid Addendum is to be signed and returned with your bid. If you have already submitted your bid, and this Addendum creates a need to revise/clarify your original response in any way, you are required to submit such in writing. To be considered, your addendum response must be submitted to and received by LSU Procurement at the "Return Bid To" address stated above. Submittals for price alterations and addenda to bids must be clearly marked with the solicitation number and the bid due date/ time and returned via fax, email, courier service, hand delivery, or USPS mail. Bid revisions received after bid opening cannot be considered, whereupon the supplier must either honor or withdraw its original bid. 6. Bid Opening Suppliers may attend the public bid opening of sealed bids. No information or opinions concerning the ultimate contract award will be given at bid opening or during the evaluation process. Written bid tabulations will not be furnished. 7. Special Accommodations Any "qualified individual with a disability" as defined by the Americans with Disabilities Act, who has submitted a bid and desires to attend the public bid opening, must notify the Procurement Office in writing not later than seven days prior to the bid opening date of their need for special accommodations. If the request cannot be reasonably provided, the individual will be informed prior to the bid opening. 		

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<p>8. Standards of Quality Any product or service bid shall conform to all applicable federal, state and local laws and regulations, and the specifications contained in the solicitation. Any manufacturer's name, trade name, brand name, or catalog number used in the specification is for the purpose of describing the standard of quality, performance, and characteristics desired; and is not intended to limit or restrict competition. Supplier must specify the brand and model number of the product offered in his bid. Bids not specifying brand and model number shall be considered as offering the exact product specified in the solicitation.</p> <p>9. New Products/Warranty/Patents All products bid for purchase must be new, never previously used, of the manufacturer's current model and/or packaging, and of best quality as measured by acceptable trade standards. No remanufactured, demonstrator, used or irregular products will be considered for purchase unless otherwise specified. The manufacturer's standard published warranty and provisions shall apply, unless more stringent warranties are otherwise required by LSU and specified in the solicitation. In such cases, the supplier and/or manufacturer shall honor the specified warranty requirements, and bid prices shall include any premium costs of such coverage. Supplier guarantees that the products proposed and furnished will not infringe upon any valid patent or trademark; and shall, at its own expense, defend any and all actions or suits charging such infringement, and shall save LSU harmless.</p> <p>10. Descriptive Information Suppliers proposing an equivalent brand or model are to submit with the bid descriptive information (such as literature, technical data, illustrations, etc) sufficient for LSU to evaluate quality, suitability, and compliance with the specifications. Failure to submit descriptive information may cause bid to be rejected. Any changes made by supplier to a manufacturer's published specifications shall be verifiable by the manufacturer. If items bid do not fully comply with specifications, supplier must state in what respect items deviate. Supplier's failure to note exceptions in its bid will not relieve the supplier from supplying the actual products requested.</p> <p>11. Bids/Prices/F.O.B. Point</p> <ul style="list-style-type: none"> The bid price for each item is to be quoted on a "net" basis and F.O.B. LSU Destination, i.e. title passing upon receipt and inclusive of all delivery charges, any item discounts, etc. Bids other than F.O.B. LSU Destination may be rejected. Bids indicating estimated freight charges may be rejected. Bids requiring deposits, payment in advance, or C.O.D. terms may be rejected. Suppliers who do not quote "net" item prices and who separately quote an overall "lump sum" freight cost or discount for all items shall be considered as submitting an "all-or-none" bid for evaluation and award purposes; and risk rejection if award is made on an item or grouped basis. Prices shall be firm for acceptance for a minimum of 30 days, unless otherwise specified. Bids conditioned with shorter acceptance periods may be rejected. Prices are to be quoted in the unit/packaging specified (e.g. each, 12/box, etc), or may be rejected. In the event of extension errors, the unit price bid shall prevail. <p>12. Taxes Supplier is responsible for including all applicable taxes in the bid price. LSU is exempt from all Louisiana state and local sales and use taxes. By accepting an award, resident and non-resident firms acknowledge their responsibility for the payment of all taxes duly assessed by the State of Louisiana and its political subdivisions for which they are liable, including but not limited to: franchise taxes, privilege taxes, sales taxes, use taxes, ad valorem taxes, etc.</p> <p>13. Terms and Conditions This solicitation contains all terms and conditions with respect to the purchase of the goods and/or services specified herein. Submittal of any contrary terms and conditions may cause your bid to be rejected. By signing and submitting a bid, supplier agrees that contrary terms and conditions which may be included in its bid are nullified.</p> <p>14. Supplier Forms/LSU Signature Authority The terms and conditions of the LSU solicitation and purchase order/contract shall solely govern the purchase agreement, and shall not be amended by any supplier contract, form, etc. The University's chief procurement officer, or authorized designee, is delegated sole authority to execute/sign any supplier contracts, forms, etc, on behalf of LSU. Departments are expressly prohibited from signing any supplier forms. Any such supplier contracts/forms bearing unauthorized signatures shall be null and void, shall have no legal force, and shall not be recognized by LSU in any dispute arising therefrom. Suppliers who present any such forms to department users for signature without regard to this strict LSU policy may face contract cancellation, suspension, and/or debarment.</p> <p>15. Awards Award will be made to the lowest responsible and responsive supplier. LSU reserves the right: (1) to award items separately, grouped, or on an all-or-none basis, as deemed in its best interest; (2) to reject any or all bids and/or items; and (3) to waive any informalities. All solicitation specifications, terms and conditions shall be made part of any subsequent award as if fully reproduced and included therein, unless specifically amended in the formal contract.</p>		

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<p>16. Acceptance of Bid Only the issuance of an official LSU purchase order/contract, a Notification of Award letter, or a Notification of Intent to Award letter shall constitute the University's acceptance of a bid. LSU shall not be responsible in any way to a supplier for goods delivered or services rendered without an official purchase order/contract or award letter. Bid tabulations may be requested after acceptance of bid.</p> <p>17. Applicable Law All contracts shall be construed in accordance with and governed by the laws of the State of Louisiana.</p> <p>18. Awarded Products/Unauthorized Substitutions Only those awarded brands and numbers stated in the LSU contract are approved for delivery, acceptance, and payment purposes. Any substitutions require prior approval of the Procurement Office. Unauthorized product substitutions are subject to rejection at time of delivery, post-return at supplier's expense, and non-payment.</p> <p>19. Testing/Rejected Goods Supplier warrants that the products furnished will be in full conformity with the specification, drawing or sample, and agrees that this warranty shall survive delivery, acceptance, and use. Any defect in any product may cause its rejection. LSU reserves the right to test products for conformance to specifications both prior to and after any award. Supplier shall bear the cost of testing if product is found to be non-compliant. All rejected goods will be held at supplier's risk and expense, and subject to supplier's prompt disposition. Unless otherwise arranged, rejected goods will be returned to the supplier freight collect.</p> <p>20. Delivery Supplier is responsible for making timely delivery in accordance with its quoted delivery terms. Supplier shall promptly notify the LSU Department and/or Procurement Office of any unforeseen delays beyond its control. In such cases, LSU reserves the right to cancel the order and to make alternative arrangements to meet its needs.</p> <p>21. Default of Supplier Failure to deliver within the time specified in the bid/award will constitute a default and may be cause for contract cancellation. Where the University has determined the supplier to be in default, LSU reserves the right to purchase any or all goods or services covered by the contract on the open market and to surcharge the supplier with costs in excess of the contract price. Until such assessed surcharges have been paid, no subsequent bids from the defaulting supplier will be considered for award.</p> <p>22. Supplier Invoices Invoices shall reference the LSU purchase order number, supplier's packing list/delivery ticket number, shipping/delivery date, etc. Invoices are to be itemized and billed in accordance with the order, and submitted on the supplier's own invoice form. Invoices submitted by the supplier's third party supplier are not acceptable.</p> <p>23. Delinquent Payment Penalties Delinquent payment penalties are mandated and governed by Louisiana R.S. 39:1695. Supplier penalties to the contrary shall be null and void, shall have no legal force, and shall not be recognized by LSU in any dispute arising therefrom.</p> <p>24. Assignment of Contract/Contract Proceeds Supplier shall not assign, sublet or transfer its contractual responsibilities, or payment proceeds thereof, to another party without the prior written consent and approval of the Procurement Office. Unauthorized assignments of contract or assignments of contract proceeds shall be null and void, shall have no legal force, and shall not be recognized by LSU in any dispute arising therefrom.</p> <p>25. Right to Piggyback Where this solicitation may name one department as the primary contract user, LSU reserves the right to authorize additional departments/campuses to use the contract as their needs arise; and Vendor shall honor all such purchase orders.</p> <p>26. Contract Cancellation LSU has the right to cancel any contract for cause, in accordance with procurement rules and regulations, including but not limited to: (1) failure to deliver within the time specified in the contract; (2) failure of the product or service to meet specifications, conform to sample quality or to be delivered in good condition; (3) misrepresentation by the supplier; (4) fraud, collusion, conspiracy or other unlawful means of obtaining any contract with the University; (5) conflict of contract provisions with constitutional or statutory provisions of state or federal law; (6) any other breach of contract. LSU has the right to cancel any contract for convenience at any time by giving thirty (30) days written notice to the supplier. In such cases, the supplier shall be entitled to payment for compliant deliverables in progress.</p> <p>27. Prohibited Contractual Arrangements Per Louisiana R.S. 42:1113.A, no public servant, or member of such a public servant's immediate family, or legal entity in which he has a controlling interest shall bid on or enter into any contract, subcontract, or other transaction that is under the supervision or jurisdiction of the agency of such public servant. See statute for complete law, exclusions, and provisions.</p>		

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<p>28. Equal Employment Opportunity Compliance By submitting and signing this bid, supplier agrees to abide by the requirements of the following as applicable: Title VI and VII of the Civil Rights Act of 1964, as amended by the Equal Opportunity Act of 1972; federal Executive Order 11246; federal Rehabilitation Act of 1973, as amended; the Vietnam Era Veteran's Readjustment Assistance Act of 1974; Title IX of the Education Amendments of 1972; the Age Act of 1975; the Americans with Disabilities Act of 1990. Supplier agrees not to discriminate in its employment practices, and will render services under any contract entered into as a result of this solicitation without regard to race, color, religion, sex, age, national origin, veteran status, political affiliation, handicap, disability, or other non-merit factor. Any act of discrimination committed by supplier, or failure to comply with these statutory obligations when applicable, shall be grounds for termination of any contract entered into as a result of this solicitation.</p> <p>29. Mutual Indemnification Each party hereto agrees to indemnify, defend, and hold the other, its officers, directors, agents and employees harmless from and against any and all losses, liabilities, and claims, including reasonable attorney's fees arising out of or resulting from the willful act, fault, omission, or negligence of the indemnifying party or of its employees, contractors, or agents in performing its obligations under this agreement, provided however, that neither party hereto shall be liable to the other for any consequential damages arising out of its willful act, fault, omission, or negligence.</p> <p>30. Certification of No Suspension or Debarment By signing and submitting this bid, supplier certifies that its company, any subcontractors, or principals thereof, are not suspended or debarred under federal or state laws or regulations. A list of parties who have been suspended or debarred by federal agencies is maintained by the General Services Administration and can be viewed on the internet at www.epls.gov.</p> <p>31. Right to Audit The University shall be entitled to audit the books and records of a supplier or any subcontractor under any negotiated contract or subcontract to the extent that such books and records relate to the performance of such contract or subcontract. Such books and records shall be maintained by the supplier for a period of five (5) years from the date of final payment under the prime contract and by the subcontractor for a period of five (5) years from the date of final payment under the subcontract, pursuant to LAC 34:XIII.1603.</p>			

Special Terms and Conditions

LSU Police Department Uniforms – Term Contract

1. ***In accordance with RS 39:1655, this solicitation specifications have been approved as proprietary and only bidders bidding the exact brand(s) and model number(s) will be considered for award.***
2. ALL-OR-NONE-AWARD: It is the intent of the University to award all items on an all-or-none basis to the overall lowest responsive and responsible bidder.
3. LSU is a member of the National Association of Educational Procurement (NAEP) and the E & I Cooperative Purchasing Service.
4. Sealed Bid Delivery Instructions and Advisory: To assure consideration, your bid must be submitted in a sealed envelope or package and should be clearly and prominently marked with the solicitation number and bid due date, or may be submitted using the special bid return label if one was furnished for that purpose. Bidders are advised that the U.S. Postal Service does not make deliveries to our physical location. USPS mail is delivered to the University's mail center and is redelivered using internal resources. Bidders may deliver bids by hand or by a courier service to our physical location at the "Return Bid To" address specified. The University shall not be responsible for any delays caused by the Bidder's chosen means of bid delivery. Bidder is solely responsible for the timely delivery of its bid, and failure to meet the bid due date and time shall result in rejection of the bid. Your attention is also directed to Standard Terms & Conditions No. 1 - Bid Delivery and Receipt.
5. Bid prices are to be quoted FOB LSU/DESTINATION and inclusive of any and all applicable shipping and handling charges.

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ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED AMOUNT	
1	<p>All or None</p> <p>Uniform winter/rain jacket Blauer (#9820)</p> <p>Black in color; windproof and waterproof. Must be compatible with existing Blauer 4660 softshell uniform jackets. "POLICE" in reflective lettering on the back, on the jacket not on the pull down panel.</p> <p>Sizes XS thru 5X. Short, Regular, Tall lengths.</p> <p>See attached documentation for specifications</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	70	Each	\$ _____	\$ _____	
2	<p>All or None</p> <p>Class A Bayly Uniform Dress Hat (#972141).</p> <p>Class A Uniform Dress Hat, Black, Polyester top with sweat shield. Black Mesh Frame, Black Hi-Gloss Visor. Air Cushioned flex sweatband (not adjustable plastic). Permagold sliding front strap, Gold P buttons. Sizes: XS thru 2X.</p> <p>See attached documentation for specifications.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	5	Each	\$ _____	\$ _____	

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ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED AMOUNT
3	<p>All or None</p> <p>Blauer Hi-Vis Traffic Vest (#339P).</p> <p>Traffic Vest, Hi-Vis Yellow, 2" 3M Reflective Scotchlite trim. ANSI Class 2 certified. Complete Breakaway for safety. Mic Tabs, Pen Pocket. 3" Black POLICE letters on front and back. Sizes S/ M, L/XL, 2X/3X, 4X/5X.</p> <p>See attached documentation for specifications.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	20	Each	\$ _____	\$ _____
4	<p>All or None</p> <p>Blauer Winter skull cap (#160)</p> <p>Uniform Winter Skull Cap, Black, Polyester rib knit fabric. Windstopper Fleece liner. Fade resistant. Neoprene No Roll Stretch head band. Embroidered POLICE in Heather Gray on head band. Sizes: Regular and Oversize.</p> <p>See attached documentation for specifications.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	50	Each	\$ _____	\$ _____

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ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED AMOUNT
5	<p>All or None</p> <p>Motorcycle Blauer rain pants (#9825Z).</p> <p>Weather-Proof Motor Pants, Black. Tac-Shell water proof B.Dry fabric. Kevlar thigh patches for heat and abrasion resistance. Zip out insulated fleece liner. Front fly with zipper/snap closure. Adjustable belt loops, Cargo thigh pockets. Adjustable leg zippers from knee down. Sizes XS thru 5X. Lengths Short, Regular, Tall.</p> <p>See attached documents for detailed specifications</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	5	Each	\$ _____	\$ _____
6	<p>All or None</p> <p>Bicycle Blauer Uniform Soft shell, hi-vis jacket (#4670).</p> <p>Bike Patrol Colorblock Soft Shell Fleece Jacket, Hi-Vis Yellow / Black, Stretch Nylon exterior, Fleece interior. Crosswalk Reflective material, Class 2 ANSI certified. Wind and water resistant. Fleece lined pockets, Napoleon chest pocket, side zippers for equipment access. Must zip into 9820 Outer Shell. Reflective silver POLICE on back. Department patches sewn on both sleeves. Badge patch sewn on left chest. Sizes XS thru 5X. Short, Regular, Tall lengths.</p> <p>See attached documents for detailed specifications</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	10	Each	\$ _____	\$ _____

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ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED AMOUNT
7	<p>All or None</p> <p>Bicycle 5.11 Uniform Shorts (#43057).</p> <p>Bike Patrol Short, Black, 94/6 Nylon/Spandex Stretch fabric. Quick Drying, Anti-microbial, Fade and Wrinkle resistant. Non-Slip elastic waistband. Adjustable Velcro belt loops. Cargo pockets on thighs. Articulated knee. Size 28-44. Lengths 30, 32, 34, 36.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	35	Each	\$ _____	\$ _____
8	<p>All or None</p> <p>Bicycle 5.11 Uniform Pants (#45502)</p> <p>Bike Patrol Pant, Black, 94/6 Nylon/Spandex Stretch fabric. Quick Drying, Anti-microbial, Fade and Wrinkle resistant. Non-slip lastic waistband. Zip Off legs. Adjustable Velcro belt loops. Cargo pockets on thighs. Articulated knee. Size 28-44. Lengths 30, 32, 34, 36.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	20	Each	\$ _____	\$ _____

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ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED AMOUNT
9	<p>All or None</p> <p>Bicycle 5.11 Uniform Polo Shirt (#71322).</p> <p>Bike Patrol Short Sleeve Polo Shirt, Hi-Vis Yellow/Black, 100% Polyester. Reflective Cross-walk pattern on front, back, and sleeves. Antimicrobial, Moisture Wicking, Fade, Wrinkle, Shrink resistant. 3 Button front, Mic Tab, Pen pockets left chest. No Roll collar. Reflective Silver POLICE on back. Patches sewn both sleeves, Badge patch sewn left chest. Sizes S thru 3X.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	35	Each	\$ _____	\$ _____
10	<p>All or None</p> <p>Uniform 5.11 Polo Shirts Men's (#71049) and Women's (#61165). Uniform Performance Polo Shirt, Black, Charcoal, Tan, 100% Polyester. Antimicrobial, Moisture Wicking, Fade, Wrinkle, Shrink resistant. 3 Button front, 3 Mic Tabs, Pen pockets left sleeve. No Roll collar. Regular Sizes XS thru 3X. Tall Body Sizes L thru 5X.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	50	Each	\$ _____	\$ _____

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ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED AMOUNT
11	<p>All or None</p> <p>Communications Officers Flying Cross Uniform Pants Men's (#FX57400) and Women's (#FX57400W).</p> <p>Communications Uniform Pant, Navy, 65/35 Poly/Cotton, Mini Rip-Stop Fabric. Freedom Flex Waist Band, Concealed Zip Closure Concealed Cargo Pockets on thighs. Waist Sizes:28-54, Lengths: Hem to specified length.</p> <p>See attached documents for detailed specifications.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	20	Each	\$ _____	\$ _____
12	<p>All or None</p> <p>Class C 5.11 Tactical Uniform Pants</p> <p>Men's (#74369) and Women's (#64386).</p> <p>Class C Pant, Khaki, 65/35 Poly/Cotton Flex-Tac stretch fabric. Hidden flex waistband. Cargo Pockets on thigh, Knife/Cell Phone pockets. Double knee. Waist Sizes 28-54. Lengths 30, 32, 34, 36.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	85	Each	\$ _____	\$ _____

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ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED AMOUNT
13	<p>All or None</p> <p>Class C Flying Cross Long Sleeve Shirt Men's (FX5120) and Women's (#5120W).</p> <p>Class C Long Sleeve Shirt, Black, 65/35 Poly/ Cotton Mini Rip-Stop fabric. Hidden note book pocket behind both chest pockets, Military creases front and back. Mesh arm pits and back shoulders. Wire pass through on both sides. Horizontal hidden vent upper back. Hidden zipper front, epaulettes on shoulders. Sizes Small thru 4X.</p> <p>See attached documents for detailed specifications.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	20	Each	\$ _____	\$ _____
14	<p>All or None</p> <p>Uniform Class C Flying Cross Short Sleeve Shirt Men's (FX5100) and Women's (FX5100W):</p> <p>Class C Short Sleeve Shirt, Black, 65/35 Poly/ Cotton Mini Rip-Stop fabric. Hidden note book pocket behind both chest pockets, Military creases front and back. Mesh arm pits and back shoulders. Wire pass through on both sides. Horizontal hidden vent upper back. Hidden zipper front, epaulettes on shoulders. Sizes Small thru 4X. Badge patch sewn on left chest.</p> <p>See attached documents for detailed specifications.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	20	Each	\$ _____	\$ _____

PRICE SHEET		INVITATION TO BID		Page 14	
SOLICITATION RFQ-0000000089		DUE DATE 11/10/2016		DUE TIME 11:00:00 AM	
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED AMOUNT
15	<p>All or None</p> <p>Uniform Blauer Rain Pants (#134): Rain Pant, Black, Nylon/Polyester, Waterproof, windproof, breathable B.Dry fabric. Elastic waistband, pockets with reach thru for pant pocket access. Side leg zippers for easy on/off. Sizes XS thru 5X. Short, Regular, Tall lengths. See attached documents for detailed specifications.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	65	Each	\$ _____	\$ _____
16	<p>All or None</p> <p>Uniform Blauer SuperShell Jacket (#9970)</p> <p>SuperShell All Weather Jacket, Gore-Tex fabric. Waterproof, windproof, highly breathable. Illuminite Reflective pattern. Waterproof front and side zippers. Accomodates zip in 4660 and 4670 Soft Shell Fleece Jacket. Department patches sewn on both sleeves without puncturing Gore-Tex fabric. Reflective Silver POLICE on back. Sizes XS thru 5X. Short, Regular, Tall lengths. See attached documents for detailed specifications.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	5	Each	\$ _____	\$ _____

PRICE SHEET		INVITATION TO BID		Page 15	
SOLICITATION RFQ-0000000089		DUE DATE 11/10/2016		DUE TIME 11:00:00 AM	
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED AMOUNT
17	<p>All or None</p> <p>Uniform Blauer Soft Shell Jacket (#4660): Patrol Soft Shell Fleece Jacket, Black, Stretch Nylon exterior, Fleece interior. Wind and water resistant. Fleece lined pockets, Napoleon chest pocket, side zippers for equipment access. Must zip into 9970 Outer Shell. Department patches sewn on both sleeves. Badge patch sewn on left chest. Sizes XS thru 5X-Tall.</p> <p>See attached document for detailed specifications.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	20	Each	\$ _____	\$ _____
18	<p>All or None</p> <p>Class B Blauer BDU Uniform Pants</p> <p>Men's (#8830) and Women's (#8830W): Class B Pant, Grey (049), 65/35 Poly/Cotton Rip-Stop Fabric. Stretch waistband with silicone shirt gripper, reinforced knees and seat, self healing zippers, snap closure. Hemmed to specific lengths. Sizes 28 thru 60 waist.</p> <p>See attached documents for detailed specifications.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	100	Each	\$ _____	\$ _____

PRICE SHEET		INVITATION TO BID		Page 16	
SOLICITATION RFQ-0000000089		DUE DATE 11/10/2016		DUE TIME 11:00:00 AM	
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED AMOUNT
19	<p>All or None</p> <p>Class B Blauer BDU Long Sleeve Uniform Shirt</p> <p>Men's (#8730) and Women's (#8730W): Class B Long Sleeve Shirt, Grey (049), 65/35 Poly/Cotton Rip-Stop Fabric. Mesh Fabric on both sides and under arms. Bi-Swing shoulders. Hidden notebook pockets. Hidden zipper and snap closures. Camera / Mic Tab on front placket. Department emblems sewn on both sleeves. Badge Patch sewn on left chest. Embroidered Name Strip sewn right chest. Embroidered LSU on Right Collar. Embroidered Rank on Epaulettes. Sizes XS thru 5X-Tall.</p> <p>See attached documentation for detailed specifications.</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	20	Each	\$ _____	\$ _____
20	<p>All or None</p> <p>Class B Blauer BDU Uniform Short Sleeve Shirt</p> <p>Men's (#8740) and Women's (#8740W): Class B Short Sleeve Shirt, Grey (049), 65/35 Poly/Cotton Rip-Stop Fabric. Mesh Fabric on both sides and under arms. Bi-Swing shoulders. Hidden notebook pockets. Hidden zipper and snap closures. Camera / Mic Tab on front placket. Department emblems sewn on both sleeves. Badge Patch sewn on left chest. Embroidered Name Strip sewn right chest. Embroidered LSU on Right Collar. Embroidered Rank on Epaulettes. Sizes XS thru 5X-Tall.</p> <p>See attached specification sheet for details</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	100	Each	\$ _____	\$ _____

PRICE SHEET		INVITATION TO BID		Page 17	
SOLICITATION RFQ-0000000089		DUE DATE 11/10/2016		DUE TIME 11:00:00 AM	
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED AMOUNT
21	<p>All or None</p> <p>Class A Uniform Pants Men's and Women's:</p> <p>Class A Pant, Black, 75/25 Poly/Wool Blend. Freedom Flex, Tru Grip waistband with heather gray stripe matching Class A shirt. Silicone lyntrack creases. Hemmed to specified lengths. Sizes 28-60 Waist.</p> <p>See attached specifications sheet for details</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	85	Each	\$ _____	\$ _____
22	<p>All or None</p> <p>Class A Long Sleeve Uniform Shirt Men's and Women's:</p> <p>Class A Long Sleeve Shirt, Heather Grey, 75/25 Poly/Wool Blend. Pocket Flaps and Epaulettes to have custom Black trim. Stitched military creases on front & back of shirt. Department emblems sewn on both sleeves. Sizes Small thru 5X-Tall.</p> <p>See attached specification sheet for details</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	70	Each	\$ _____	\$ _____

PRICE SHEET		INVITATION TO BID		Page 18	
SOLICITATION RFQ-0000000089		DUE DATE 11/10/2016		DUE TIME 11:00:00 AM	
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED AMOUNT
23	<p>All or None</p> <p>Class A Short Sleeve Uniform Shirt Men's and Women's: Class A Short Sleeve Shirt, Heather Grey, 75/25 Poly/Wool Blend. Pocket Flaps and Epaulettes to have custom Black trim. Stitched military creases on front & back of shirt. Department emblems sewn on both sleeves. Sizes Small thru 5X-Tall.</p> <p>See attached specification sheet for details</p> <p>Specify Manufacturer / Brand Bid: _____</p> <p>Specify Model / Number Bid: _____</p>	70	Each	\$ _____	\$ _____



POLICE DEPARTMENT

Louisiana State University
101 South Stadium Road
Baton Rouge, LA 70803

O 225-578-3231
F 225-578-0536

Terms & Conditions for the LSU Police Department Uniform Bid

- A. It is the purpose of the LSU Police Department to outfit the personnel with well-fitting serviceable uniforms.
- B. It is understood that the uniforms shall be tailored upon the principles of good tailoring practices.
- C. Bidders are to give stock numbers and name of manufacturer in the places indicated on the bid form. Failure to do so is cause for rejection of the bid.
- D. Prices shall be quoted on a unit basis as the university reserves the right to adjust quantities if necessary.
 - a. Bid prices are for all sizes, including XS thru 6X.
 - b. Bid price must include the alterations and custom instructions referenced in item description and specifications attached.
- E. The successful vendor to maintain an office and/or affiliate within an approximate 60 mile radius of the LSU Police Department, to fit personnel and process orders in a timely basis. Measuring for initial order will require several trips to LSU Police office within 2-3 week period to cover day and night shifts.
- F. The successful vendor must maintain availability of office or affiliate/representative at least 0900 – 1600 hours, Monday through Friday.
- G. The successful vendor must have an affiliate/representative measure LSU Police personnel for proper fit at the LSU Police Department. The vendor shall be held responsible for alterations necessary to provide the officer with a proper fit. These alterations must include, but not be limited to, alterations of the pant waist, rise, length and shirt sleeve length.
- H. The successful vendor shall be responsible for sewing emblems on shirt and jacket sleeves.
 - a. The LSU Police Department will provide the shoulder emblems and badge patch.
 - b. The shoulder emblems shall be sewn $\frac{3}{4}$ of an inch below the left and right shoulder seam.
 - c. The shoulder emblems shall be centered based on the crease formed by halving the sleeve from the underarm seam. Waterproof membrane on jackets not to be pierced.
 - d. Class A shirts to be customized by adding Black surged edge on pocket flaps and epaulettes. Black edge not to be nylon cord edge or Piggyback trim.
- I. The successful bidder must clearly package and label uniforms, by officer's name, for ease of distribution. Delivery of uniforms, 0800-1600 hours, Monday – Friday.
- J. After the initial order is placed and delivered, the vendor must keep an adequate stock to service additional orders for new personnel in a timely manner. A timely manner to be interpreted as no more than two (2) weeks.
- K. Successful bidder shall make himself available within three (3) days upon notification of the need by the LSU Police Department to place an order for new personnel.
- L. The successful bidder must have the initial order completed within sixty (60) day period.
- M. During the contract period, the University reserves the right to add additional items as their needs arise. The price for such items will be established by mutual agreement between the Purchasing Office and the Contractor.
- N. Color of shirts and pants must match exactly the items specified in this bid. No variations will be accepted.

LSU TERM CONTRACT – SPECIAL CONDITIONS

These special conditions shall apply to LSU Term Contracts, in addition to all Standard Terms and Conditions.

A "Term Contract" is defined as an agreement with a Vendor to provide specified goods and/or services on an as-needed basis at established prices, terms and conditions during a specific period of time (or term), and does not guarantee usage. Such pricing agreements are commonly referred to as standing agreements, open end contracts, and requirements contracts. Purchase/release orders issued against term contracts serve as the Vendor's authorization to ship goods and/or provide services.

1. Scope of Contract

This solicitation is issued to establish a term contract for the specified goods and/or services for the period beginning Date of Award and ending June 30, 2017, in accordance with all specifications, terms, and conditions.

2. Initial Contract Period

LSU intends to award all items for the initial contract period specified above. Award delays beyond the anticipated contract begin date may result in an initial award less than the specified contract period.

3. Contract Renewals/Extensions

At the option of LSU and acceptance by the Vendor, this contract may be renewed for 2 additional 12 month periods, or extended in partial increments thereof, at the same prices, terms and conditions of the original contract award. Total contract period not to exceed 36 months.

4. Estimated Quantities

Solicitation quantities shown are estimated only and may be based on historical contract usage and/or projected needs; where usage is not available, a quantity of one (1) indicates a lack of history on this item. Vendors are cautioned that regardless of the quantity shown in the solicitation, LSU shall not be obligated under the contract to purchase any specific or minimum amount. Vendor must supply any order requirements at the bid/contract prices, whether the total of such requirements are more or less than the estimated quantities shown.

5. Firm Pricing

Contract prices shall remain firm for the duration of the contract term; and no price increases will be allowed, unless escalation/de-escalation provisions are specifically provided for herein. Prices may not exceed the current nationally advertised and available General Services Administration (GSA) Price Schedule if one exists.

LSU is a member of the National Association of Educational Procurement (NAEP) and the E & I Cooperative Purchasing Service.

6. Insurance Requirements

If an automobile is utilized in the execution of the contract, including deliveries made with company owned, hired, and/or non-owned vehicles, Vendor shall be required to furnish a certificate of insurance evidencing coverages per attached insurance requirements. The Board of Supervisors of Louisiana State University and Agricultural & Mechanical College shall be named as an additional insured on all liability policies.

7. Vendor Parking on the LSU Campus – Permits & Gate Passes

Vendors and contractors needing access to reserved, gated "C" parking lots or to controlled access streets in the center of campus for logistics in performing business with LSU, must apply for gate passes through the LSU Office of Parking, Traffic and Transportation (PTT). Visit the LSU/PTT website at www.lsu.edu/parking and the "Permits" webpage for details.

Vendor requests are considered and granted by PTT, subject to an annual fee and qualifying criteria. Vendors not qualifying for gate passes may be granted general permits for outlying parking lots at no charge. All vendors are responsible for adhering to LSU Parking Rules and Regulations (see the PTT "Information" webpage). Direct any questions to PTT at 225-578-5000, or visit their office located in the Public Safety Building on South Stadium Road, Baton Rouge, LA 70803.

8. Vendor Non-Performance

Vendor is required to perform in strict accordance with all contract specifications, terms, and conditions. Vendor will be advised in writing of non-performance issues and shall be required to promptly implement corrective actions to ensure contract compliance and to prevent recurrences. In the event Vendor is issued three (3) or more complaints of non-performance, LSU reserves the right at its sole discretion to cancel the contract with a ten (10) day written notice. Contract cancellations due to non-performance may be cause to deem the Vendor non-responsible in future solicitations.

9. Contract Amendments

Solicitation

Requests for contract changes must be made in writing by an authorized agent/signatory of the Vendor and submitted to LSU Purchasing for prior approval. Requests shall include detailed justification and supporting documentation for the proposed amendment.

Contract revisions shall be effective only upon approval by LSU Purchasing and issuance of a formal LSU Contract Amendment. The Vendor shall honor purchase/release orders issued prior to the approval of any contract amendment as applicable.

10. Price Reductions

Whenever price reductions are made by the Vendor/Manufacturer during the LSU contract term, and which are offered to similarly-situated customers [i.e. those contracting under similar terms, conditions, periods, etc], and which are lower than LSU contract prices, said reductions shall be afforded to LSU.

Vendor shall give prompt written notice to LSU Purchasing of any such price reduction and effective date for issuance of a formal contract amendment. Price reductions must be offered to all departments. Vendors found to have knowingly and willfully withheld such price reductions may be required to reimburse LSU of any overcharges.

11. Product Substitutions

Only those awarded brands and numbers, furnished in the packaging/units of measure and at the unit prices stated in the LSU contract, are approved for order, receipt, and payment purposes. Unauthorized product substitutions are subject to rejection at time of delivery, post-return at Vendor's expense, and non-payment.

By submitting a bid, Vendors are expected to have sound supplier agreements in place to support and responsibly perform their contractual term obligations with LSU. Unless discontinued by the manufacturer without replacement, Vendors are expected to honor the awarded brands/numbers throughout the contract term. Substitution requests based merely on the Vendor's own elective change to another supplier may be disapproved at the sole discretion of LSU Purchasing.

Departments are not authorized to approve or accept product substitutions without Purchasing's approval. Vendors who act without regard to this procedure may face contract cancellation, suspension, and/or debarment.

12. Right to Add Department Users

Where this solicitation may name one department as the primary contract user, LSU reserves the right to authorize additional departments to use the contract as their needs arise; and Vendor shall honor all such purchase/release orders.

13. Non-Exclusivity

This agreement is non-exclusive and shall not in any way preclude LSU from entering into similar agreements and/or arrangements with other Vendors or from acquiring similar, equal, or like goods and/or services from other entities or sources.

14. Contract Usage Report

The Vendor shall keep records of all purchases under this contract and shall be prepared to furnish a contract usage report to LSU upon request at any time during the contract term. Contract usage reports must minimally capture and report the following: item numbers and brief item descriptions; total quantities and dollars for each item subtotaled by using department names; and overall contract quantities and dollars.

15. Contract Evaluation

LSU Purchasing welcomes suggestions for contract improvements to effectively meet the needs of the departments we serve. Department feedback relative to the incumbent Vendor's performance will be requested for consideration when determining our contract options for renewal or re-solicitation. Vendor performance will be monitored for compliance with contract terms and conditions, and reports of deficient performance will be appropriately addressed with the Vendor.

The following forms are tools for evaluating our contracts and Vendor performance, and may be accessed at our website (www.fas.lsu.edu/purchasing) under Forms/General:

- PUR512 Contract Suggestions
- PUR514 Contract Performance Evaluation
- PUR515 Deficiency/Complaint Report

16. Termination for Non-Appropriation of Funds

The following condition shall apply to any contract covering multiple fiscal years:






The continuation of this contract is contingent upon the appropriation of funds by the legislature to fulfill the requirements of the contract. If the legislature fails to appropriate sufficient monies to provide for the continuation of the contract, or if such appropriation is reduced by the veto of the governor or by any means provided in the appropriations act of Title 39 of the Louisiana Revised Statutes of 1950 to prevent the total appropriation for the year from exceeding revenues for that year, or for any other lawful purpose, and the effect of such reduction is to provide insufficient monies for the continuation of the

Solicitation #

contract, the contract shall terminate on the date of the beginning of the first fiscal year for which funds have not been appropriated.

Change

Selection

Style	Material & Color	Frame	Visor	Front Strap
				
Military A/F	BLACK	Black Mesh	1-7/8" 45 Degree Black High Gloss (9845)	Permagold

Bayly Stock Number 972141

Style Bayly, Inc. Style Military A/F

Material & Color BLACK kiss bonded with foam and tricot lining.

Cap Covering Will include top, 3-piece projection, side band, tip lining (acetate), sweat shield (.008 gauge clear vinyl) and a pocket for individual name card. Seams will be lock stitched 10 to 12 stitches to the inch.

Frame Black Mesh

Visor 1-7/8" 45 Degree Black High Gloss (9845)

Front Stayer Stayer will be solid black. Emblem slots and assembly holes to be preformed, the inner band 2-1/8" x .050" extruded "poly" perforated with 3/8" holes throughout, with pre-punched button holes and attached with brass rivets.

Grommet Will be a grommet cut to exact size to fit properly within the cap cover.

Sweatband 27 oz. anti-migratory non-toxic cloth backed vinyl, sewn on the outside of inner band and turned for cushioned effect to provide maximum comfort. Top edge to be finished and size label attached. Each cap to effectively cover (2) head sizes. In 6 sizes. XS, S, M, L, XL, and XXL.

Eyelets Button Color & Style Gold "P"

Front Strap Permagold

Washing Hand wash with mild soap and warm water. Let drip dry. Do not dry clean. do not put in automatic dryer.

Warranty BAYLY, INC. warrants caps against any defects in materials or workmanship, (misuse, abuse and normal wear excepted). Any such confirmed defects will be corrected by Bayly at its factory following prior clearance by Bayly, Inc., with instructions for return shipment of the product.

Special Feature Band Edge To Match Cap Top

**LOUISIANA STATE UNIVERSITY POLICE DEPARTMENT
BLAUER SPECIFICATIONS
9820 TACSELL JACKET
COLOR: BLACK (11)
DATE: SEPTEMBER 14, 2016**

GENERAL:

All garment details not specifically described herein; tailoring, styling, construction, materials, and components must match the standard reference sample on file with the agency. Written specifications attempt to describe key requirements of a 3D garment and cannot do so adequately and therefore silence of the specifications does not absolve bidders from matching with precision the standard reference sample.

Pre-bid samples will be required at the time of the bid opening. Samples may be subjected to laboratory testing at the discretion of the contracting officer. Bidders are responsible for all testing costs of their sample garments.

Bidders must enclose evidence (dated manufacturers catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days for agency approval.

Garments must be manufactured to ISO 9001 quality assurance standard. A copy of the certificate registration will be required with the bid.

Specification based on Size Large, Regular length.



FABRIC:

Ripstop- 3 Layer laminate consisting of nylon (shell), PU waterproof breathable membrane, and tapeable tricot backer

- 10,000 mm waterproofness
- 10,000 g/m = 124 hours of moisture, vapor transmission.
- Dobby- 2L- Dobby w/1000mm clear coating.

TRIM:

- Eyelets: 8mm aluminum. Color: black
- Hook and loop: woven nylon base. Color: black
- Reflective trim: 1 inch wide, silver crosswalk.
- Seam tape: waterproof seam-sealing tape compatible with the permanent waterproof-breathable lining unchanged after minimum 12 home laundry cycles

- 1-1/2" and 2cm widths. Color: grey
- Snaps:
 - 15-ligne plastic style for collar/hood.
 - 20-ligne prong style with closed backs, gunmetal finish on brass, heavy-duty closure, with 24-ligne nylon cap for front storm-flies and side tabs. Color: Black (All snaps must be Universal Fastener brand)
- Brushed Pocketing: 100% Polyester brushed tricot. Color: black

ZIPPERS:

YKK brand quality; lengths specified are for size L/Reg

Color: Black unless specified

- Zippers: Front zipper: Vislon, one way, double pull; size #5, 27-3/4.
- Liner zipper: Vislon, One-way, Separating, Reversible MUSI zipper with double pull; size #5, 25-1/2".
- Sleeve underarm zippers: coil, one way; size #5, 10".
- Side seam: coil, one way; size #5, 11.5".
- Napoleon Pocket zipper: coil, one way; size # 3, 7".
- Collar zipper: coil, one way; size #3, 14".

COLLAR:

There shall be a sport style collar with zipper extending to the top. The collar shall be made of two layers of shell fabric and one of non-woven interlining with a 1" by 8" strip of crosswalk reflective centered on back of collar. Collar zipper opening shall measure 14". The collar and stand will lay flat and be shaped to the neck without gapping or puckering. The collar will comfortably fit around the wearer's neck and come short of the chin. There shall be a 2" by 3/8" hanger loop attached to the back of the collar and a garment label on the inside collar.

HOOD:

There shall be a detachable hood made of 1-ply Dobby weave fabric. 3-pcs hood with front visor detail, unlined. There is an elastic draw cord with cord lock for hood opening and circumference adjustment. Hood width measures 23-3/4". Hood detaches using separating zipper and 4 snaps spaced evenly apart to bottom flange of collar pouch opening.

SLEEVES:

Sleeves are shaped two-piece style. There is a sleeve patch made of 1 ply dobby fabric with a 10" zipper to allow access to the shell for emblems and other customization. The cuffs measure 2" in width, half elastic and half not, and to fasten with a 3-3/4" x 1" hook and loop tab. Cuffs are to be interlined with non-woven and elastic to retain its shape. Cuff opening shall be 5-1/4" folded and consist of 1" wide by 5-1/2" long crosswalk reflective tape applied to underside portion of cuff.

FRONTS:

Jacket fronts shall be well one-piece, shaped, and symmetrical (balanced) with top and under stormflies. Top stormfly is constructed of 1 ply dobby, 1 ply ripstop, 1 ply interlining. Under stormfly constructed of 2 ply dobby, 1 ply interlining. Bottom stormfly turned up approximately 3/8" and secured with seven (7) bar-tacks to form a "Rain Gutter". Hidden female snaps set to top stormfly 3/4" from front edge (to center of snap). Male snaps set to bottom stormfly through all layers 1" from front edge (to center of snap). Front zipper set at top of collar and

1/8" above hem. Zipper facing consists of 1 ply dobby folded back hemmed edge, behind zipper of zip-out liner. Liner zipper set 1/2" down from top of collar with zipper pull on wearer's left side.

FRONT YOKE:

Front yoke consist of 1 ply dobby with 1" hem. There shall be an opening at bottom edge of yoke measuring approximately 6-1/2". There shall be a piece of hook 5/8" wide by 2" long centered on underside of yoke at bottom edge. Corresponding piece of loop 1-1/2" wide by 3 1/2" long sewn to front of jacket.

HEM:

Back hem shall consist of draw cord and cord lock. Hem shall measure 1 1/4".

SIDE OPENINGS: There shall be side openings on both sides for access to equipment. The zippered opening will be 11-1/2" long and use a coil #5 coil zipper opening from bottom to top. There shall be an elasticized snap tab with female Prym style snap and cap and Prym style snaps male snaps on each side of the zipper for closure and storage of the snap tab. The tab will hold front and rear portions of the jacket closed around equipment when the zipper is in the up position.

POCKETS AND FLAPS:

Front pocket flaps consist of 1 ply dobby and 1 ply ripstop. Side openings secured with horizontal and vertical bartacks at opening ends. Flaps shall measure 7-3/8" wide, 3" high at center of flap, and 2-1/4" at sides. Pocket shall measure 6-3/4" wide by 8-1/4" long (including flap) and have 1/2" inverted pleat at center of pocket, and mitered bottom corners. Pockets close with snaps. Pocket Flaps secured with horizontal bar-tacks at top corners, measure minimum of 3/8" (1 cm). Hidden Napoleon pocket on wearer's left only with zipper closure consists of 1 ply tricot/mesh material.

BADGE TAB:

There shall be a badge tab made from 2 plies of shell fabric with 2 eyelets. Badge tab measures 7/8" wide and 2-1/2" long and be sewn onto body. Eyelets shall be 8mm in size of metal material and should measure 1-3/8" from center to center.

MIC TAB:

Mic tab made of 2 ply ripstop measuring 7/8" wide by 2-1/4" long and centered on top stormfly.

SHOULDER STRAPS:

The shoulder straps shall be topstitched 1/16" from the edge and be pointed at the end toward the neck of the jacket where both points shall be tacked. Epaulets measure 2" at shoulder and 1-5/8" at point. The other end shall be sewn in the sleeve and measure 2" wide. The length is to be graduated conforming to the size of the jacket. The strap shall be box and cross-stitched to the shoulder approximately 1-1/4" from the sleeve head seam, leaving enough room for a detachable mic to feed through it. There shall be a stitched eyelet hole near the pointed end for fastening of a uniform metal button using a cotter pin.

BACK YOKE:

Back yoke made of 1 ply dobby with 1" hem. There shall be an opening at bottom edge of yoke measuring approximately 12-3/8". Opening securely bartacked at opening ends and consist of hook 5/8" wide by 5" long centered on underside of yoke at bottom edge. Corresponding piece of loop 1-1/2" wide by 8" long sewn to back of jacket.

FRONT PULL DOWN PANEL:

There shall be 2 front pull down panels made of 2 ply dobby and 1 ply interlining. Panels shall have a piece of hook 5/8" wide by 3-1/2" long and a piece of loop 5/8" wide by 2" long.

BACK PULL DOWN PANEL:

There shall be a pull down panel for the back yoke consist of 2 ply dobby and 1 ply interlining. Panel shall have a piece of hook 5/8" wide by 7-1/2" and a piece of loop 5/8" wide by 5" long.

EMBLEMS:

LSU Police Department emblems to be sewn on each sleeve.
Badge patch sewn left chest. (Optional)

REFLECTIVE LETTERS:

Reflective letters to be heat pressed on back of jacket. Letters applied directly to jacket, not on pull-down panel. Letter size: 3.5" high, 10.5" wide. Letter color: Reflective silver.

SIZES:

Permanent size marking giving size to be located inside of collar.

CARE LABEL:

Care instructions to be located behind size label.

PRESSING & FINISHING:

Jacket shall be carefully pressed by hand in a first class manner. All loose threads to be thoroughly trimmed.

UNISEX SIZING:

Short: XS - XL
Regular: XS - 6XL
Tall: M - 6XL

MEASUREMENTS

Regular length: Size: M		
Chest:	49.5	(plus or minus 0.75 inches)
Sleeve from CB Neck:	36	(plus or minus 0.5 inches)
Back Length:	26.75	(plus or minus 0.5 inches)

**LOUISIANA STATE UNIVERSITY POLICE DEPARTMENT
BLAUER SPECIFICATIONS
8740 & 8740W: BDU SHORT SLEEVE SHIRT
COLOR: GREY (049)
DATE: MARCH 30, 2016**

GENERAL:

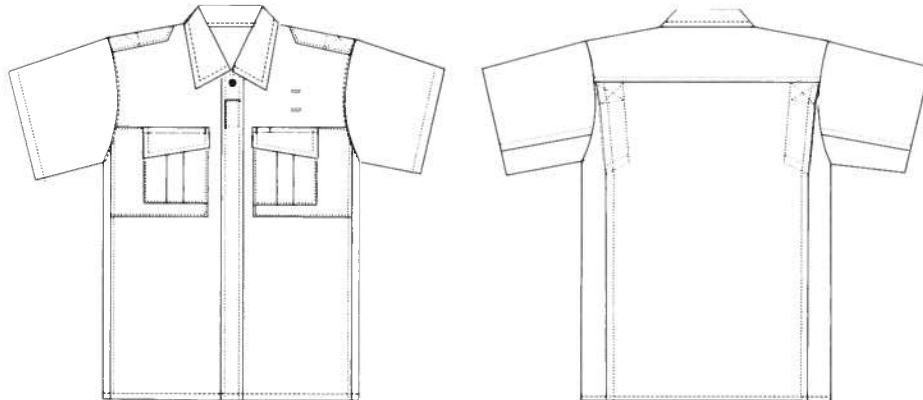
All garment details not specifically described herein; tailoring, styling, construction, materials, and components must match the standard reference sample on file with the agency. Written specifications attempt to describe key requirements of a 3D garment and cannot do so adequately and therefore silence of the specifications does not absolve bidders from matching with precision the standard reference sample.

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Bidders must enclose evidence (dated manufacturers catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days for agency approval.

Garments must be manufactured to ISO 9001 quality assurance standard. A copy of the certificate registration will be required with the bid.

Specification based on Size Medium, Regular length.



FABRIC:

Content – 65%/35% Poly Cotton, Ripstop Weave. Colorfastness to light and home laundering. Soil release finish. Machine washable and dry cleanable wool blend provides user comfort, uniform appearance, durability, and easy care.

Physical Properties:

- Weight – 4.25 oz. per square yard, + or - .25 oz.
- Warp Yarn – 26/1
- Filling Yarn – 26/1
- Tensile – 80 x 45

- Tear – 4.0 x 3.0 lbs
- Washfastness –Shade Change: 4.0
-Staining: 3.0
- Crocking –Dry: 4.0
-Wet: 3.0

SIDE PANEL KNIT FABRIC:

Content – 92% Nylon 8% Lycra mesh technical knit with high abrasion, pill resistance and anti-odor finish. Breathable, 4 way stretch.

Physical Properties:

- Weight – 6 oz. per square yard
- Pilling Resistance (Face) – 5
- Stretch (elongation) – 105 x 170
- Bursting Strength, min (psi) – 100

Colorfastness:

- Laundering shade change, min – 4
- Washfastness – 4
- Dry/Wet Crocking – 4

TRIM:

- Interlining: Front Placket: 50% Polyester 50% Cotton; Small Parts: 100% polyester.
- Hook and loop: Woven Nylon base
- Buttons: melamine, 20 ligne, matching shell fabric

TOP FUSING: The following small parts shall be top fused prior to sewing.

Placket, collar, and cuffs fused with Etacol 100% Cotton print cloth, 3.20 oz/sq yd.

Pocket flaps and epaulets, fuse and tack with Thermalbond non woven, 100% polyester, 1.55 oz/sq. yd.

CONVERTIBLE COLLAR:

Shaped points medium spread are to be 2-3/4" in length and are to be 1/4" double needle topstitched. Permanent stays 2-1/2" in length and 1/4" wide, to be sewn inside collars so that no stitches are made through bottom leaf. Collar shall be top fused.

SLEEVES:

To be straight, set-in sleeves with a stretch mesh underarm panel with a 1/4" double needle topstitch on shell fabric. Sleeve hem should be clean finished with a 1" hem and 1/16" edge stitch. The sleeve seam, as well as the sleeve setting seam (i.e. securing it to be body of the shirt) must be made by a narrow safety stitch, so as to properly strengthen the seam, as well as prevent the fabric from raveling.

FRONT:

The front shall have a placket 1-1/2" wide, extending to the bottom of the shirt and be made of the same material as the shirt fabric with two rows of stitching 1" apart and 1/2" from the edge. This center facing shall be top fused to give body. Front placket shall have zipper closure and hidden snap at top and bottom of zipper. Hem shall be clean finished using double bend back folder with 1/4" top stitching.

MESH SIDE PANELS:

There shall be two (2) mesh side panels sewn to the front and back panels to allow ventilation and for bi-swing action. Top of the side panel meets the top of the mesh sleeve panel on the fronts. Top of the side panel extends to below back yoke on the back side and acts as a bi-swing.

POCKETS:

To have two (2) BDU style patch pockets with box pleats. Pockets are topstitched 1/16" from the edge, with square corners, to finish 5-3/4" wide and 5-3/4" long. Breast pockets to have 1-1/4" box pleat stitched top and bottom to prevent spreading. The left breast pockets shall have a pencil compartment 1-1/4" wide corresponding to opening on flap.

FLAPS:

Style has two (2) asymmetrical flaps, made with 2 ply shell and 1 ply interlining. Flaps finish 5-3/4" in width, 2-3/4" long closest to side seam and 2-1/4" long closest to center front. Flaps finished with double needle 1/4" topstitch. Pocket flap secures to the pocket with hook and loop measuring 5/8" wide by 1" long. The loop shall be sewn to the underside of the flap 3/8" from side and bottom edge and the corresponding hook will be sewn to the pocket. Pencil opening on wearer's left pocket flap at the inside corner of the flap, measuring 1-3/8" wide and secured by "L" shaped bartacks at each end. Flap topstitching extends across the pencil pocket opening.

NAPOLEON POCKETS:

There shall be two hidden notebook pockets under patch pockets and closed with hook and loop, measuring 5/8" wide by 2" long. Notebook pocket opening measures 6-1/4" and shall be secured with vertical bartacks on each side.

BACK:

There shall be a bi-swing pleat stitched to back side of mesh side panel. Pleat constructed with 1-1/4" foldover with reinforcement 1-1/4" boxstitch with "X" stitch directly below back yoke. Bi-swing measures approximately 1-1/4" wide by 9" long. Back panel side seams finished with 1/4" double needle topstitch towards center back.

BACK YOKE:

One-piece back yoke fully lined with mesh fabric finished with 1/4" double needle topstitching. The yoke is to measure approximately 3-7/8" high at the center back.

BADGE ATTACHMENT SLING:

Is reinforced on the inside of the shirt by means of 1 ply shell fabric 1-1/2" wide, stitched and folded, so that there are no raw edges. This reinforcement strip is to be set approximately 2" down from the top of the pocket, to be caught in the double stitching of the flap setting stitches and extend and be caught in the joining seam at the front of yoke. To have two small horizontal buttonholes 1-3/8" apart with the button buttonhole 1 1/4" above the top of the left flap.

EPAULETS:

The epaulets shall be made of 1 ply shell fabric folded and 1 ply fuse and tac interlining, measuring 1-3/4" wide at shoulders and 1-1/2" wide at point. Both sides of the point shall be tacked down to prevent curling. The other end shall be sewn in the sleeve with topstitch at sleeve setting seam. The length is to be graduated conforming to the size of the shirt. The epaulets shall be tacked at shoulder with an 'X' cross stitched 1-3/4" from the sleeve head seam and opening shall be big enough to allow a standard external microphone to pass through.

MIC TAB:

There shall be a mic tab on front placket measuring 7/8" wide and 2" long. Mic tab shall be interlined and placed centered on front placket, 1-3/8" below center of hidden snap.

THREAD:

All thread shall be polyester wrapped on monofilament polyester. Color to match.

STITCHING:

All stitching conforms to Federal Standard 751 specifications (FED-STD-751). All stitch types are sewn at stitch per inch (S.P.I.) rates individually set by operation at no less than 10 S.P.I. and not more than 12 S.P.I. to insure extended sewn wear life. All thread tension is evenly maintained to eliminate right or loose stitching. All seam allowances are to be maintained so that there are no raw edges, run offs, twist, pleats, puckers or open seams.

EMBLEMS:

Department emblems to be sewn on both sleeves.
Department Badge Patch sewn on left chest.

EMBROIDERED CLOTH NAME STRIP:

Officer's name to be embroidered on Dark Navy cloth strip.
Dark Navy cloth strip to be made from same fabric as #8740 Grey (049) shirt. Letter color to be Gold.
Cloth embroidered name strip to be sewn on right chest on top of chest pocket.
Cloth Strip to be 1" high X exact width of chest pocket. Approx 5.25".

EMBROIDERED COLLARS AND EPAULETTES:

Embroidered letters on collars: Gold Letters on Left and Right Collar.
Embroidered rank on epaulettes: Gold specified Rank on both Epaulettes.

SIZES:

Permanent size marking giving size to be located inside of collar.

CARE LABEL:

Care instructions to be on hem of shirt in front.

PRESSING & FINISHING:

Shirt shall be carefully pressed by hand in a first class manner. All loose threads to be thoroughly trimmed.

STANDARD SIZE RANGE:

Men's: XS – 5XL, Short, Regular, Tall Lengths
Women's: XS – 2XL, Short, Regular, Tall Lengths

MEASUREMENTS:

Men's: Size M, Regular

Neck	17.5	(plus or minus 0.5 inches)
Chest:	45.75	(plus or minus 0.75 inches)
Back Length:	32.5	(plus or minus 0.5 inches)
Sleeve Length (from CB neck)	20.125	(plus or minus 0.5 inches)

Women's: size M, regular

Neck	16	(plus or minus 0.5 inches)
Chest:	41	(plus or minus 0.75 inches)
Back Length:	26	(plus or minus 0.5 inches)
Sleeve Length (from CB neck)	18.5	(plus or minus 0.5 inches)

LOUISIANA STATE UNIVERSITY POLICE DEPARTMENT
BLAUER SPECS
8830 & 8830W: BDU TACTICAL TROUSER
COLOR: Gray (04)
DATE: MARCH 30, 2016

GENERAL:

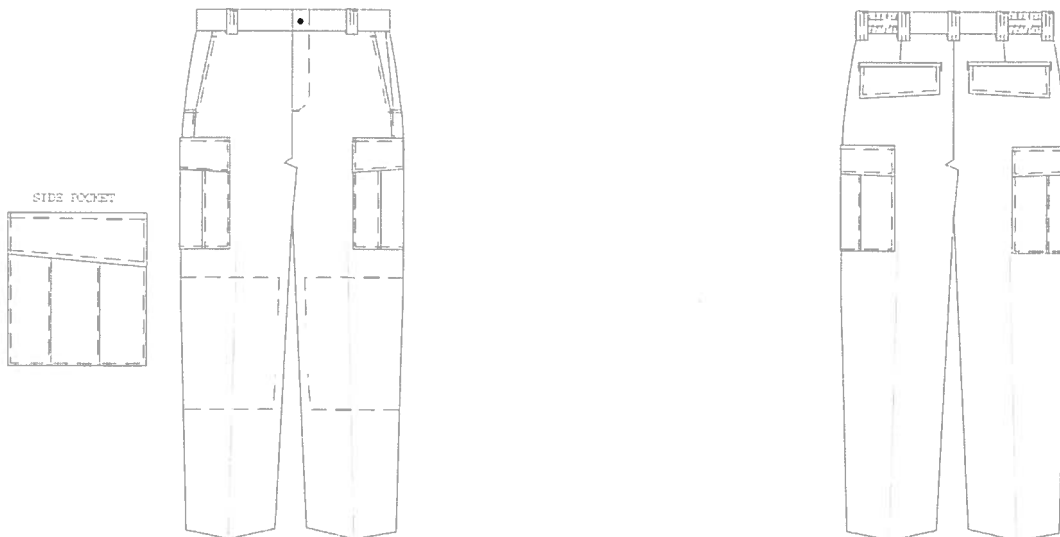
All garment details not specifically described herein; tailoring, styling, construction, materials, and components must match the standard reference sample on file with the agency. Written specifications attempt to describe key requirements of a 3D garment and cannot do so adequately and therefore silence of the specifications does not absolve bidders from matching with precision the standard reference sample.

Pre-bid samples will be required at the time of the bid opening. Samples may be subjected to laboratory testing at the discretion of the contracting officer. Bidders are responsible for all testing costs of their sample garments.

Bidders must enclose evidence (dated manufacturers catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days for agency approval.

Garments must be manufactured to ISO 9001 quality assurance standard. A copy of the certificate registration will be required with the bid.

Specification based on Size 34 (men's) & 10 (woman's), Regular length.



FABRIC:

Content – 65%/35% Poly Cotton, Ripstop Weave. Colorfastness to light and home laundering. Soil release finish. Machine washable and dry cleanable cotton blend provides user comfort, uniform appearance, durability, and easy care.

Physical Properties:

- Weight – 6.50 oz. per square yard (+ or - .25 oz.)
- Warp Yarn – 20/1
- Filling Yarn – 12.5/1
- Tensile – 80 x 45
- Tear – 4.0 x 3.0 lbs
- Washfastness –Shade Change: 4.0
-Staining: 3.0
- Crocking –Dry: 4.0
-Wet: 3.0

TRIM:

- Interlining: polyester woven
- Binding: polyester/cotton bias cut
- Waistband: polyester/cotton, blend with single strip of silicone shirt grip
- Fly zipper: nylon coil #4.5 with auto lock slider
- Snap: Prym style brass non-rusting
- Buttons: melamine, 22 ligne, matching shell fabric.

INTERNAL CONSTRUCTION FABRIC:

Pockets shall be:

Blend: 70% Polyester/ 30% cotton

Weave: Twill

Weight: 5.75 oz. per square yard (+ or - .25 oz.)

Finish: Pre-cure permanent press

THREAD:

All thread shall be polyester wrapped on monofilament polyester. Color to match.

STITCHING:

All stitching conforms to Federal Standard 751 specifications (FED-STD-751). All stitch types are sewn at stitch per inch (S.P.I.) rates individually set by operation at no less than 10 S.P.I. and not more than 12 S.P.I. to insure extended sewn wear life. Stitch type 401 Tandem is used at a combined S.P.I. of 16. All thread tension is evenly maintained to eliminate right or loose stitching, All seam allowances are to be maintained so that there are no raw edges, run offs, twist, pleats, puckers or open seams.

WAISTBAND:

The waistband shall finish 2" wide and shall be constructed of two plies of shell fabric, one ply of interlining, layer of tape with silicone bead stripe, and edge binding. The finished waistband in the trouser shall stretch on each side at least 5" with side-spot elastic measuring 4". There shall be one snap closure with flat back and covered cap. The woven interlining set vertically to the continuous single needle stitch from the setting of the fly.

BELT LOOPS:

There are seven (7) belt loops on all size trousers up to and including waist 42" and 9 loops on waist sizes 44" and over. The belt loops shall be inserted into the waistband at the bottom, belly-tacked to the trouser body 3/4" down and tacked to the top of the waistband. Loops shall

be 7/8" wide, have a 2-1/4" opening, and be constructed of two plies of shell fabric and one ply of fusible interlining butted on the reverse side and sewn with a double needle looping machine.

DARTS:

There are two darts to shape the trouser. They shall be placed at the left and right back extending down from the waistband to the center of each hip pocket.

SLIDE FASTENER:

Slide fastener (fly zipper) consists of Delrin coil self-healing hardware mounted on colorfast black blend nylon and cotton 7/16" tape, Coil size #4.5. Metal zippers which may break will not be accepted.

FLY CONSTRUCTION:

The right inside fly is reinforced with internal construction fabric and 1/8" gauge top stitched along the entire exposed edge to insure shape retention for extended wear life. The left, outside fly is fully lined internally for shape retention. Right and left fly are joined together at the base of the fly. The joined fly forms a reinforcing tailpiece construction fully extending along the crotch seam to its intersection with leg inseams.

OUTLETS:

Thigh outlets with the back side of the inseam shall measure 1" at the crotch and tapers to 0.375 inch at the knee.

LEG CONSTRUCTION:

The legs are fully cut for ease of movement and assembled using over-edge stitching with outside double-needle reinforcement consisting of 4 pieces per leg. Knee pad openings on each leg, are made of 1-ply pocketing fabric with clean finished edges to accept optional knee pads.

POCKETS:

There are 6 pockets assembled from internal construction fabric as follows:

- I. Front: Quarter pocket style with L-shaped pockets slanting 1-3/4" from the top waistband to 1" at the bottom at the side seam. Pockets shall be constructed of one piece of the specified pocketing material finishing approximately 6-1/2" wide at the bottom of the pocket opening and 11-1/2" long from where the pocket is sewn into the waistband. Pockets will be over-edge stitched, turned and top-stitched for security and clean-finishing. There shall be a facing of shell fabric material running from the side seam and waistband and into the pocket toward the body measuring 4 5/8" wide at the waistband and tapering to 4" at the bottom of the pocket opening. There shall be a facing of shell fabric material on the inside of the pocket away from the body measuring 1 3/4" wide. There shall be a straight bar tack across the top of the pocket opening 1/4" down from the waistband and a straight bar tack across the bottom of the pocket opening centered on the side seam for reinforcement.
- II. Rear: Left and right besom type hip pockets shall be inverted double corded type with straight bar tacks set at each end of the pocket opening. The top and bottom pocket

opening shall be topstitched. The finished pocket opening shall measure 5" and finished pocket depth shall be 6". The finished pocket bag shall measure 6 ¾" wide and shall extend down 9" from where it is sewn into the waistband. The angled pocket flap shall be constructed of two plies of shell fabric and one ply interlining. This pocket flap is inserted between the welts with the longer side closest to the side seam and the shorter side at center back and shall secure to the pocket with two pieces of hook and loop closure measuring 1" wide by 1" long (color should match shell fabric).

- III. Side: There shall be side cargo patch pockets sewn to each outside leg such that the pocket is centered across the side seam of the trouser and with the top of the pocket flap set 8-1/2" below the waistband and ½" above the patch pocket. The pocket shall be constructed of one ply of shell fabric. The outer pocket shall measure 8-1/2" long and 7-1/4" wide with 2 vertical pleats. The pocket shall have square corners. The pocket flap shall be made of two plies of shell fabric and one ply of interlining. The flap shall be angled and measure 2" wide in front tapering up to 3" wide by 7-1/2" long. The flap shall secure to the outer pocket with two pieces of hook tape measuring 1" high by 1" wide sewn to the inner ply of the flap placed 1/2" from side edge and 1/2" from top edge on each corner and corresponding pieces of loop tape sewn to the outer pocket.

The left side shall have an internal equipment pocket measuring 6" high by 6" wide, tapering to 5" at the bottom. This pocket shall have an elasticized top hem & vertical bar-tacks on each top edge for reinforcement with a single needle vertical stitching thru' center dividing the pocket into two(2).

On the right shall be an internal cell phone pocket with elasticize top edge measuring 4-5/8" high by 4" wide.

FINISHING:

Trousers are fully shaped on high temperature, high-pressure presses to eliminate wrinkles and form creases. Trousers meet the standard of the American Association of Textile Chemists and Colorists as follows:

- I. AATCC Test Method 124-1975 "Appearance of Durable Press Fabric After Repeated Home Launderings".
- II. AATCC Test Method 88B-1975 "Appearance of Seams in Wash and Wear Items After Home Launderings".
- III. AATCC Test method 88C-1975 "Appearance of Crease in Wash and Wear Items After Home Launderings".

WORKMANSHIP:

All trousers are made in an ISO 9000 certified plant and are inspected during manufacturing, at final trimming and packing to insure consistent quality and adherence to this specification.

WARRANTY:

All trousers shall be warranted against defects in materials and workmanship for one year.

LABELING:

All trousers will bear all labels mandated by the Federal Trade Commission at the date of manufacture. All products must be cut and sewn in Mexico using US made components.

SIZING:

Trousers are fully graded such that all vital dimensions change according to waist size. The grade applies not only to seat, front rise, back rise, and thigh measurements but also to the knee and bottom measurements. Additionally, the trousers shall be manufactured and stocked in three (3) separate rises, regular, long and short rise, each with their own grade designed to fit regular, long and short torsos.

HEM LENGTH:

Pants to be hemmed to specific lengths.

STANDARD SIZE RANGE:

Men's: Waist sizes 28 - 52; Regular & Long

Women's: Sizes 0 – 28; Short & Regular

MEASUREMENTS:

Men's: Regular Length, Waist Size 34:

a.	1/2 Waist:	17.5	(plus or minus 0.25 inch)
b.	1/2 Seat:	22.875	(plus or minus 0.25 inch)
c.	1/2 Knee:	10.875	(plus or minus 0.25 inch)
d.	1/2 Bottom Leg:	9	(plus or minus 0.25 inch)
e.	Inseam:	37	(plus or minus 0.50 inch)
f.	Front Rise:	9.25	(plus or minus 0.25 inch)
g.	Back Rise:	15.25	(plus or minus 0.25 inch)

Women's: Regular Length, Size 10:

a.	1/2 Waist:	16.5	(plus or minus 0.5 inch)
b.	1/2 Seat:	21.5	(plus or minus 0.25 inch)
c.	1/2 Knee:	10.375	(plus or minus 0.25 inch)

d.	1/2 Bottom Leg:	9	(plus or minus 0.25 inch)
e.	Inseam:	35.75	(plus or minus 0.50 inch)
f.	Front Rise:	8.75	(plus or minus 0.25 inch)
g.	Back Rise:	13.125	(plus or minus 0.25 inch)

**LOUISIANA STATE UNIVERSITY POLICE DEPARTMENT
BLAUER SPECIFICATIONS
8460Z or 8460ZW SHORT SLEEVE ZIPPERED SHIRT
COLOR: HEATHER GRAY (56)
DATE: MARCH 30, 2016**

GENERAL:

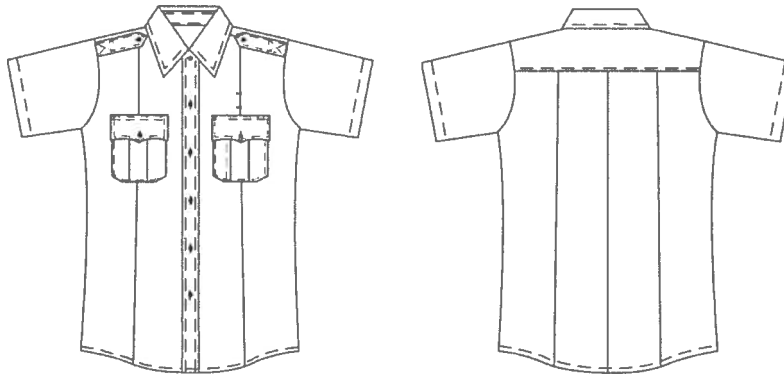
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Pre-bid samples will be required at the time of the bid opening. Samples may be subjected to laboratory testing at the discretion of the contracting officer. Bidders are responsible for all testing costs of their sample garments.

Bidders must enclose evidence (dated manufacturers catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days for agency approval.

Garments must be manufactured to ISO 9001 quality assurance standard. A copy of the certificate registration will be required with the bid.

Specification based on Size Medium, Regular length.



FABRIC:

Content – 75% Polyester/ 25% Worsted wool plain weave, manufactured by Raeford. Machine washable and dry cleanable polyester provides user comfort, uniform appearance, durability, and easy care.

Weight – 6.10-6.40 oz. per square yard

Physical Properties:

- Ply of yarn – 2-ply Warp, Single ply filling
- Construction – 47 ends per inch, 43 picks per inch
- Breaking Strength - \geq 120 lbs in Warp

- Tear Strength - ≥ 12 lbs in Warp
 ≥ 10 lbs in Filling
- Minimum Filling Stretch – 10%
- Fiber Length – Worsted Wool: 3-3.5 inches average minimum; Polyester: 3 inches minimum

- **Finished Construction:**
 - Warp: 214 Ends
 - Fill: 80 Picks
- **Yarn Sizes:**
 - Warp: 75 Denier Textured Polyester
 - Fill: 150 Denier Textured Polyester
- **Breaking Strength:**
 - Warp: 2,587 Grams
 - Fill: 4,480 Grams

- Lining: 100% Polyester Satin
- Interlining: 100% polyester & 100% cotton
- Front Zipper: nylon coil, size 4.5, 14 inches, matching shell fabric.
- Hook and loop: Woven Nylon base
- Buttons: melamine, 20 ligne, matching shell fabric

Pocket flaps and epaulets, fuse and tac with Thermalbond, 100% polyester, 1.55 oz/sq. yd.; non-woven

Points medium spread are to be 3-1/4" in length and are to be topstitched 1/4" from the edge. Permanent stays 2-1/2" in length and 1/4" wide, to be sewn inside collars so that no stitches are made through bottom leaf. Collar shall be sport style without a collar band. Inner yoke to be lined with matching 100% Polyester inner lining, cut on the bias, to assure that the collar will lie properly. Collar shall be top fused and lay flat.

To be straight style, in one piece, and hemmed below the bicep. The sleeve hem shall be top stitched to prevent rolling.

FRONT:

The front shall have a center facing 1-1/2" wide, extending to the bottom of the shirt and be made of the same material as the shirt fabric with two rows of stitching 1" apart and 1/2" from the edge. The buttonholes on the center front shall be placed 3/4" from the edge and spaced so that the distance from the center of the button to the center of the next button is 3-1/2".

There shall be a 14" Nylon zipper with a compatible colored tape sewn to the front of the shirt, replacing the second, third, fourth, and fifth buttons which are to be sewn on top of the buttonhole on the top center front facing.

POCKETS:

To have two (2) breast pockets. Breast pockets to be topstitched 1/16" from the edge, with mitered corners, to finish 5-1/2" wide and 5-3/4" long. Breast pockets to have 1-1/2" box pleat stitched top and bottom to prevent spreading. The left breast pockets shall have a pencil compartment 1-1/4" wide corresponding to opening on flap.

FLAPS:

To have two (2) scalloped flaps, made with 1 ply shell folded, and top-stitched 1/16" from the edge. Flaps to finish 5-3/4" in width, 2-3/4" in long at center point, 2-1/2" in long at side points. Flaps to be secured to the front of the shirt with two rows of stitching 3/16" apart. Left flap to have 1-1/4" pencil opening. Flaps to be fully lined to give body, by sewing in a Nylon Sateen of Dacron 100% Polyester interlining, 425 weight mellowpress, cut straight. There is to be a button and buttonhole sewn on the flap. The side points of the flaps are to be secured to the pocket by means of 1" by 5/8" hook and loop fasteners sewn onto the flaps and pockets, the hook portion being stitched to the pocket and loop portion sewn to the underside of the flap. The loop piece sewn to the flap shall not be sewn through and through the flap, but must be attached during the manufacturing process before the flap is assembled to prevent the stitching from showing.

BADGE SLING:

To be reinforced on the inside of the shirt by means of 1 ply shell fabric 1-1/2" wide, stitched and folded, so that there are no raw edges. This reinforcement strip is to be set approximately 2" down from the top of the pocket, to be caught in the double stitching of the flap setting stitches and extend and be caught in the joining seam at the front of yoke. To have two small horizontal buttonholes 1-3/8" apart with the button buttonhole 1-1/4" above the top of the left flap.

SHOULDER:

The shoulder strap shall be made of 1 ply shell fabric folded and 1 ply fuse and tac interlining, topstitched 1/16" from the edge, and pointed at the end toward the neck of the shirt. The other end shall be sewn in the sleeve with topstitch at sleeve setting seam and taper to 1-1/2" wide. The length is to be graduated conforming to the size of the shirt. The strap shall be tacked at shoulder with an 'X' cross stitched 1-3/4" from the sleeve head seam and opening shall be big enough to allow microphone to pass through. Unslit buttonhole vertical to length 3/8" from point with button sewn centered on top.

BACK YOKE:

One-piece back yoke fully lined with matching Polyester satin finished with 1/16" topstitching. The yoke is to measure approximately 4-1/4" high at the center back.

PERMANENT MILITARY CREASES:

There will be five (5) permanent 1/16" military style stitched-in creases. One (1) crease in each front extends from hem to shoulder joining seam. Front pockets and flaps to be centered over the crease. Crease is not to run through pocket or flap. Three (3) vertical creases in back starting at the bottom of the yoke, middle crease on center back line, side creases spaced equally from center crease.

THREAD:

All thread shall be polyester wrapped on monofilament polyester. Color to match.

STITCHING:

All stitching conforms to Federal Standard 751 specifications (FED-STD-751). All stitch types are sewn at stitch per inch (S.P.I.) rates individually set by operation at no less than 10 S.P.I. and not more than 12 S.P.I. to insure extended sewn wear life. All thread tension is evenly maintained to eliminate right or loose stitching. All seam allowances are to be maintained so that there are no raw edges, run offs, twist, pleats, puckers or open seams.

CUSTOM PIPING ON POCKET FLAPS & EPAULETTES:

Black surged edge on sewn into pocket flaps and epaulettes.
Cord edge or piggyback edge will not be accepted.

EMBLEMS:

Department emblems to be sewn on each sleeve.

SIZES:

Permanent size marking giving neck size to be located inside of collar.

CARE LABEL:

Care instructions to be on hem of shirt in front.

PRESSING & FINISHING:

Shirt shall be carefully pressed by hand in a first class manner. All loose threads to be thoroughly trimmed.

STANDARD SIZE RANGE:

Men's: Neck Sizes 13.5-24.5, Regular and Tall lengths
Women's: Bust Sizes 28-54, Regular and Tall lengths

MEASUREMENTS:

Men's: Size 15.5, Regular

Neck:	16.625 (plus or minus 0.5 inches)
Chest:	46.5 (plus or minus 0.75 inches)
Back Length:	32.5 (plus or minus 0.5 inches)
Sleeve Length (from CB neck):	20.125 (plus or minus 0.5 inches)

Women's: Size 36, Regular

Neck	15 (plus or minus 0.5 inches)
------	-------------------------------

Chest:	41.75	(plus or minus 0.75 inches)
Back Length:	28.5	(plus or minus 0.5 inches)
Sleeve Length (from CB neck):	18.5	(plus or minus 0.5 inches)

**LOUISIANA STATE UNIVERSITY POLICE DEPARTMENT
BLAUER SPECIFICATIONS
4670 HI-VIS ACTIVE DUTY JACKET
COLOR: BLACK/HIGH VIS YELLOW (53)
DATE: JUNE 15, 2016**

GENERAL:

All garment details not specifically described herein; tailoring, styling, construction, materials, and components must match the standard reference sample on file with the agency. Written specifications attempt to describe key requirements of a 3D garment and cannot do so adequately and therefore silence of the specifications does not absolve bidders from matching with precision the standard reference sample.

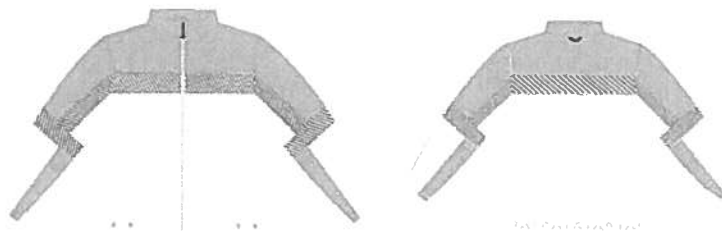
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Bidders must enclose evidence (dated manufacturers catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days for agency approval.

Garments must be manufactured to ISO 9001 quality assurance standard. A copy of the certificate registration will be required with the bid.

Garments must meet ANSI Class II and third party certification of materials and design must be available.

Specification based on Size Medium, Regular length.



FABRIC:

Polyester soft shell fleece and nylon/polyester soft shell fleece with stretch. Dobby: 100% Nylon water repellent treated and highly breathable (no membrane) Tactel Ripstop with DWR, 70D X 160D Honeycomb print with DWR (Color: Black)

TRIM:

Interlining: 100% polyester non-woven. Brushed Pocketing: 2X1 twill, 100% Polyester fill, Polyester/Rayon warp. Reflective Trim: 2" wide Scotchlite Comfort Trim®. Elastic: 1" knitted elastic (dry cleanable)

ZIPPERS:

Zippers: Front Zipper: vislon, one-way separating, size #5, 25 ½". Pocket Zippers: nylon coil, size #3, 7". Side Zippers: nylon coil, size #5, 11 ½". (Zipper lengths specified are for size L/Reg, Color: black)

COLLAR:

There shall be a sport style collar with zipper extending to the top. The collar shall be made of 1 ply fleece, 1 ply interlining, 1 ply brushed fabric, with ½" binding in shell fabric. Collar height at center back shall measure 3 ¼". The collar will lay flat and be shaped to the neck without gapping or puckering. When turned up the collar will comfortably fit around the wearer's neck and come short of the chin. There shall be a 2" by 3/8" hanger loop attached to the back of the collar and a garment label on the inside collar.

SLEEVES:

There shall be a 6-piece set in sleeve with color blocking and reflective tape. Upper back sleeve and lower front sleeve are constructed from black fleece fabric. Upper front and lower back sleeve constructed with hi vis fabric. Ribbon loop ½" wide by 1 ¼" long is centered over sleeve underarm seam above bottom hem stitch for attachment to 9820 Jacket. Cuff hem shall finish with 1 3/16" facing of shell fabric and underside of cuff shall be elasticized with 1" elastic.

FRONTS:

Front yoke and lower panels consist of 1 ply Softshell fleece fabric. Zipper shall be clean finished with tricot binding to center front edge. Hem shall finish with 1 3/16" facing of shell fabric.

SIDE OPENINGS: There shall be side openings on both sides for access to equipment measuring 11 ½" long. There shall be an elasticized tab that measures 3" x 1" with male snap and female snaps with cap on waistband placed 1 3/4" away from zipper center on both side of opening.

POCKETS:

To have two (2) lower welt pockets made of Softshell fabric and 1 ply interlining with zipper closure. Side pockets opening towards side seam on slight angle and measures 7". There shall be a zippered napoleon pocket on wearer left side open towards center front measuring 6" (regular length). Pocket bags constructed with 1 layer brushed flannel fabric and 1 layer tricot. Zippers close from bottom to top.

BADGE TAB:

There shall consist of 1 ply of woven shell fabric and folded in half and 1 ply of interlining or adhesive webbing with 2 eyelets. It should measure 7/8" wide and 3 ½" long. Eyelets centered on badge tab and spaced 1 3/8" apart center to center. Badge tab shall be placed in polybag and swift tagged to jacket.

MIC TABS:

Mic tabs shall consist of 1 ply of woven shell fabric folded in half and 1 ply of interlining or adhesive webbing. Mic tabs shall measure 7/8" wide and 3 1/2" long. 2 mic tabs shall be placed with badge tab in polybag and swift tagged to jacket.

REFLECTIVE TRIM:

Heatseal scotchlite comfort trim applied to: Above front and back yoke seam continue down to sleeve and around the elbow line. Chest reflective trim applied 1/8" above yoke seam. Trim minimum width: 2" for ANSI Class II.

EMBLEMS:

Department Emblems to be sewn each sleeve.
Badge Patch to be sewn on left chest.

REFLECTIVE LETTERS:

Add Reflective "POLICE" to back of jacket. Placement of "POLICE" letters to be on back of jacket, below cross-walk pattern, on yellow portion of jacket. Letter height approx 3.5". Overall size of "POLICE" letters to be 3.5" High X 10.5" wide.

BACK:

Back yoke and lower panels consist of 1 ply softshell fleece fabric. Ribbon loop 3/4" wide double folded to finish 3/8" wide by 2 3/4" long below center back neck seam. There shall be 1" elasticized hem.

SIZES:

Permanent size marking to be located inside of collar.

ANSI AND CARE LABEL:

ANSI labels shall be placed inside the jacket on the left pocket horizontal and stitched down. Small ANSI label placed on wearer's left sleeve on back seam, 3" above cuff edge. Care label placed at neck seam.

PRESSING & FINISHING:

Shirt shall be carefully pressed by hand in a first class manner. All loose threads to be thoroughly trimmed.

UNISEX SIZING:

Regular: XS - 6XL
Tall: M - 6XL

MEASUREMENTS

Regular length: Size: M

Chest:	48.5	(plus or minus 0.75 inches)
Sleeve from CB Neck:	34	(plus or minus 0.5 inches)
Back Length:	25.5	(plus or minus 0.5 inches)

**LOUISIANA STATE UNIVERSITY POLICE DEPARTMENT
BLAUER SPECIFICATIONS
339P BREAK-AWAY HIGH VISIBILITY SAFETY VEST
COLOR: HIGH VIS YELLOW (55)
DATE: JUNE 21, 2016**

GENERAL:

All garment details not specifically described herein; tailoring, styling, construction, materials, and components must match the standard reference sample on file with the agency. Written specifications attempt to describe key requirements of a 3D garment and cannot do so adequately and therefore silence of the specifications does not absolve bidders from matching with precision the standard reference sample.

Pre-bid samples will be required at the time of the bid opening. Samples may be subjected to laboratory testing at the discretion of the contracting officer. Bidders are responsible for all testing costs of their sample garments.

Bidders must enclose evidence (dated manufacturers catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days for agency approval.

Garment must be ANSI/ISEA 207-2011 third party certified. Certificate of compliance must be presented with bid.

Garments must be manufactured to ISO 9001 quality assurance standard. A copy of the certificate registration will be required with the bid.

Specification based on Size M, Regular.



FABRIC:

3.7 oz. per square yard, 100% Polyester heavy denier breathable tricot with soil release treatment and firm hand. (Color: see specified garment color)

TRIM:

Binding: 100% nylon plain weave Taslan 250D (Color: black)

100% polyester knit mesh-self fabric (Color: fluorescent yellow)

Hook and loop: woven nylon base. (Color: fluorescent yellow)

Eyelets: aluminum, black enamel finish

Reflective trim: 2.0 inch wide, 3M Scotchlite silver reflective fabric on heavy weight black grosgrain ribbon

FRONT AND BACK:

One piece front and back with reflective trim detail, adjustable side tabs, and velcro closure at shoulders.

SIDE ADJUSTMENTS:

There shall be 2 side tabs on each side with hook and loop attachment for closure and adjustments. Side tab shall measure 4 ½" high by 9 ½" long. The front shall have 1" loop above and below the bottom reflective stripe across entire front of vest. The side tabs shall have 1" x 3" horizontal hook.

REFLECTIVE TRIM PATTERN:

The vest shall have 2-1/2" reflective trim across the front and back chest and across the front and back near the bottom. The side tabs will have reflective trim to align with bottom stripes. There shall be 2 strips of reflective trim on front parallel to the neck to the shoulder. There shall be 2 strips of reflective trim on back aligned with neck stripes and continuing straight down to back stripe.

SHOULDER CLOSURE:

There shall be a hook and loop attached on shoulder for breakaway feature. The shoulder shall have 5-5/8" x 5/8" loop on the front shoulder to fasten to a 5-5/8" x 5/8" on the back shoulder. (For size M)

BINDING:

The vest shall be bound with black binding on neck, sides, and hem. The top and bottom edges of side tabs shall be bound with yellow binding to match shell fabric.

PEN/PENCIL HOLDERS:

There shall be 2 pen/pencil keyhole buttonholes on the right and left of reflective trim that is aligned with the neckline. Keyholes placed 3-3/4" down from shoulder seam following edge of ribbon and centered on reflective trim. Opening shall measure 1".

BADGE TAB:

There shall be a badge tab consisting of 2 plies of shell fabric with 2 metal eyelets. It should measure 3-1/2" x 7/8". Badge tab should be placed in polybag and attached with the swift tagged along with the hangtags.

MICROPHONE TABS:

There shall be a microphone tab sewn to both the left and right front approximately 3" from the shoulder seam, consisting of 2 plies of shell fabric.

LOGO:

'POLICE' logo is to be printed on both front and back. The logo is 4" letterhead in black. The logo will be 4" x 10 3/4". The POLICE logo should be centered in the mid-section of the vest, evenly placed from each side and from the top and bottom triple trim.

THREAD:

All thread shall be polyester wrapped on monofilament polyester. Color to match.

STITCHING:

All stitching conforms to Federal Standard 751 specifications (FED-STD-751). All stitch types are sewn at stitch per inch (S.P.I.) rates individually set by operation at no less than 10 S.P.I. and not more than 12 S.P.I. to insure extended sewn wear life. All thread tension is evenly maintained to eliminate right or loose stitching. All seam allowances are to be maintained so that there are no raw edges, run offs, twist, pleats, puckers or open seams.

SIZES:

Permanent size marking to be located inside center back neck seam.

ANSI LABELS:

ANSI labels shall be placed on the left and right side tabs.

PRESSING & FINISHING:

Vest shall be carefully pressed by hand in a first class manner. All loose threads to be thoroughly trimmed.

STANDARD SIZE RANGE:

Unisex: M (S-M), XL (L-XL), 3XL (2XL-3XL), 5XL (4XL-5XL)

MEASUREMENTS:

Unisex: Size M, Regular:

Across Chest:	16.375	(plus or minus 0.5 inches)
Across back:	17	(plus or minus 0.5 inches)
Center Back Length:	20.5	(plus or minus 0.5 inches)

**LOUISIANA STATE UNIVERSITY POLICE DEPARTMENT
BLAUER SPECIFICATIONS
8730 & 8370W: BDU LONG SLEEVE SHIRT
COLOR: GREY (049)
DATE: MARCH 30, 2016**

GENERAL:

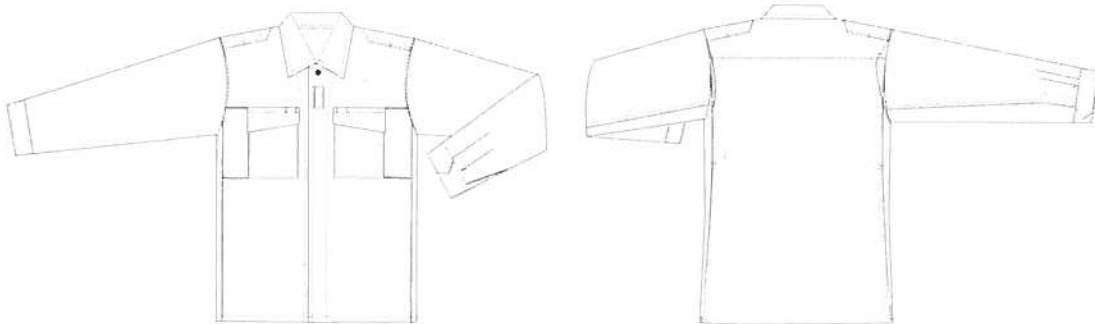
All garment details not specifically described herein; tailoring, styling, construction, materials, and components must match the standard reference sample on file with the agency. Written specifications attempt to describe key requirements of a 3D garment and cannot do so adequately and therefore silence of the specifications does not absolve bidders from matching with precision the standard reference sample.

Pre-bid samples will be required at the time of the bid opening. Samples may be subjected to laboratory testing at the discretion of the contracting officer. Bidders are responsible for all testing costs of their sample garments.

Bidders must enclose evidence (dated manufacturers catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days for agency approval.

Garments must be manufactured to ISO 9001 quality assurance standard. A copy of the certificate registration will be required with the bid.

Specification based on Size Medium, Regular length.



FABRIC:

Content – 65%/35% Poly Cotton, Ripstop Weave. Colorfastness to light and home laundering. Soil release finish. Machine washable and dry cleanable wool blend provides user comfort, uniform appearance, durability, and easy care.

Physical Properties:

- Weight – 6.50 oz. per square yard, + or - .25 oz.
- Warp Yarn – 20/1
- Filling Yarn – 12.5/1
- Tensile – 80 x 45
- Tear – 4.0 x 3.0 lbs

- Washfastness –Shade Change: 4.0
-Staining: 3.0
- Crocking –Dry: 4.0
-Wet: 3.0

SIDE PANEL KNIT FABRIC:

Content – 92% Nylon 8% Lycra mesh technical knit with high abrasion, pill resistance and anti-odor finish. Breathable, 4 way stretch.

Physical Properties:

- Weight – 6 oz. per square yard
- Pilling Resistance (Face) – 5
- Stretch (elongation) – 105 x 170
- Bursting Strength, min (psi) – 100

Colorfastness:

- Laundering shade change, min – 4
- Washfastness – 4
- Dry/Wet Crocking – 4

TRIM:

- Interlining: Front Placket: 50% Polyester 50% Cotton; Small Parts: 100% polyester.
- Hook and loop: Woven Nylon base
- Buttons: melamine, 20 ligne, matching shell fabric

TOP FUSING: The following small parts shall be top fused prior to sewing.

Placket, collar, and cuffs fused with Etacol 100% cotton print cloth, 3.20 oz/sq yd.

Pocket flaps and epaulets, fuse and tack with Thermalbond non woven, 100% polyester, 1.55 oz/sq. yd.

CONVERTIBLE COLLAR:

Shaped points medium spread are to be 2-3/4" in length and are to be 1/4" double needle topstitched. Permanent stays 2-1/2" in length and 1/4" wide, to be sewn inside collars so that no stitches are made through bottom leaf. Collar shall be top fused.

SLEEVES:

Are straight, two piece set-in sleeves with a stretch mesh underarm panel with a 1/4" double needle topstitch on shell fabric. The cuffs to be 2-1/2" in width and shall have a tab adjustment. Tab shall be pointed, with hook and loop closure. The cuff shall be 1/4" double needled topstitched at the bottom, and 1/16" from the edge of the top. There shall be a sleeve vent opening from the top of the cuff, measuring 4-3/4" long. The vent placket shall be 3/4" wide finished with 1/16" single needle topstitch. The sleeve seam, as well as the sleeve setting seam (i.e. securing it to be body of the shirt) must be made by a narrow safety stitch, so as to properly strengthen the seam, as well as prevent the fabric from raveling. Cuffs are to be top fused and fully lined to give body by sewing in a self-fabric inner lining, cut straight to retain its shape.

FRONT:

The front shall have a placket 1-1/2" wide, extending to the bottom of the shirt and be made of the same material as the shirt fabric with two rows of stitching 1" apart and 1/2" from the edge. This center facing shall be top fused to give body. Front placket shall have a 14" Nylon zipper with a compatible colored tape sewn to the front of the shirt and hidden snap at top and bottom of zipper. Hem shall be clean finished using double bend back folder with 1/4" top stitching.

MESH SIDE PANELS:

There shall be two mesh side panels sewn to the front and back panels to allow ventilation and for bi-swing action. Top of the side panel meets the top of the mesh sleeve panel on the fronts. Top of the side panel extends to below back yoke on the back side and acts as a bi-swing.

POCKETS:

To have two (2) BDU style patch pockets with box pleats. Pockets are topstitched 1/16" from the edge, with square corners, to finish 5-3/4" wide and 5-3/4" long. Breast pockets to have 1-1/4" box pleat stitched top and bottom to prevent spreading. The left breast pockets shall have a pencil compartment 1-1/4" wide corresponding to opening on flap.

FLAPS:

Style has two asymmetrical flaps, made with 2 ply shell and 1 ply interlining. Flaps to finish 5-3/4" in width, 2-3/4" long closest to side seam and 2-1/4" long closest to center front. Flaps finished with double needle 1/4" topstitch. Pocket flap secures to the pocket with hook and loop measuring 5/8" wide by 1" long. The loop shall be sewn to the underside of the flap 3/8" from side and bottom edge and the corresponding hook will be sewn to the pocket. Pencil opening on wearer's left pocket flap at the inside corner of the flap, measuring 1-3/8" wide and secured by "L" shaped bartacks at each end. Flap topstitching extends across the pencil pocket opening.

NAPOLEON POCKETS:

There shall be two (2) hidden notebook pockets under patch pockets and closed with hook and loop, measuring 5/8" wide by 2" long. Notebook pocket opening measures 6-1/4" and shall be secured with vertical bartacks on each side.

BACK:

There shall be a bi-swing pleat stitched to back side of mesh side panel. Pleat constructed with 1-1/4" foldover with reinforcement 1-1/4" boxstitch with "X" stitch directly below back yoke. Bi-swing measures approximately 1-1/4" wide by 9" long. Back panel side seams finished with 1/4" double needle topstitch towards center back.

BACK YOKE:

One-piece back yoke fully lined with mesh fabric finished with 1/4" double needle topstitching. The yoke is to measure approximately 3-7/8" high at the center back.

BADGE ATTACHMENT SLING:

Is reinforced on the inside of the shirt by means of 1 ply shell fabric 1-1/2" wide, stitched and folded, so that there are no raw edges. This reinforcement strip is to be set approximately 2" down from the top of the pocket, to be caught in the double stitching of the flap setting stitches and extend and be caught in the joining seam at the front of yoke. To have two small horizontal buttonholes 1-3/8" apart with the button buttonhole 1 1/4" above the top of the left flap.

EPAULETS:

The epaulets shall be made of 1 ply shell fabric folded and 1 ply fuse and tac interlining, measuring 1-3/4" wide at shoulders and 1 1/2" wide at point. Both sides of the point shall be tacked down to prevent curling. The other end shall be sewn in the sleeve with topstitch at sleeve setting seam. The length is to be graded conforming to the size of the shirt. The epaulets shall be tacked at shoulder with an 'X' cross stitched 1-3/4" from the sleeve head seam. The remaining opening shall be large enough to allow a standard external microphone to pass through.

MIC TAB:

There shall be a mic tab on front placket measuring 7/8" wide and 2" long. Mic tab shall be interlined and placed centered on front placket, 1-3/8" below center of hidden snap.

THREAD:

All thread shall be polyester wrapped on monofilament polyester. Color to match.

EMBLEMS:

Department emblems to be sewn on both sleeves.
Department Badge Patch sewn on left chest.

EMBROIDERED CLOTH NAME STRIP:

Officer's name to be embroidered on Dark Navy cloth strip.
Dark Navy cloth strip to be made from same fabric as #8740 Grey (049) shirt. Letter color to be Gold.
Cloth embroidered name strip to be sewn on right chest on top of chest pocket.
Cloth Strip to be 1" high X exact width of chest pocket. Width approx 5.25".

EMBROIDERED COLLARS AND EPAULETTES:

Embroidered letters on collars: Gold Letters on Left and Right Collar.
Embroidered rank on epaulettes: Gold specified Rank on both Epaulettes.

STITCHING:

All stitching conforms to Federal Standard 751 specifications (FED-STD-751). All stitch types are sewn at stitch per inch (S.P.I.) rates individually set by operation at no less than 10 S.P.I. and not more than 12 S.P.I. to insure extended sewn wear life. All thread tension is evenly maintained to eliminate right or loose stitching. All seam allowances are to be maintained so that there are no raw edges, run offs, twist, pleats, puckers or open seams.

SIZES:

Permanent size marking giving size to be located inside of collar.

CARE LABEL:

Care instructions to be on hem of shirt in front.

PRESSING & FINISHING:

Shirt shall be carefully pressed by hand in a first class manner. All loose threads to be thoroughly trimmed.

STANDARD SIZE RANGE:

Men's: XS – 5XL, Short, Regular, Tall Lengths

Women's: XS – 2XL, Short, Regular, Tall Lengths

MEASUREMENTS:

Men's: Size M, Regular

Neck	17.5	(plus or minus 0.5 inches)
Chest:	45.75	(plus or minus 0.75 inches)
Back Length:	32.5	(plus or minus 0.5 inches)
Sleeve Length (from CB neck)	35	(plus or minus 0.5 inches)

Women's: size M, regular

Neck	16	(plus or minus 0.5 inches)
Chest:	41	(plus or minus 0.75 inches)
Back Length:	26	(plus or minus 0.5 inches)
Sleeve Length (from CB neck)	32	(plus or minus 0.5 inches)

**LOUISIANA STATE UNIVERSITY POLICE DEPARTMENT
BLAUER SPECIFICATIONS
8450Z or 8450ZW - LONG SLEEVE ZIPPERED SHIRT
COLOR: HEATHER GRAY (56)
DATE: MARCH 30, 2016**

GENERAL:

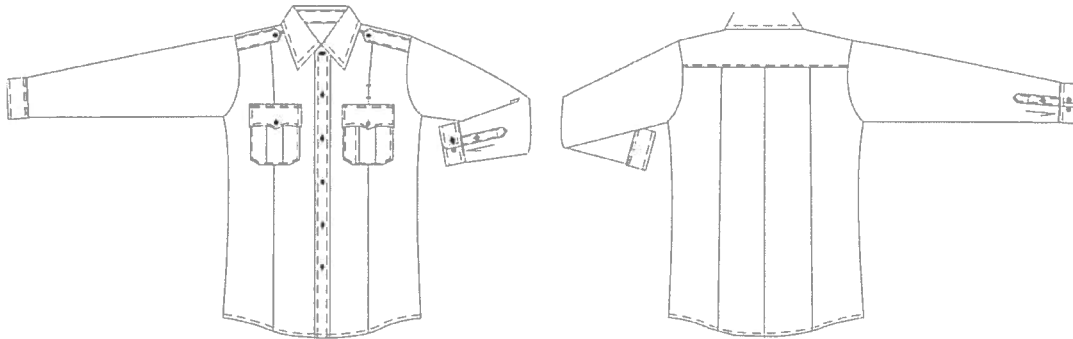
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Pre-bid samples will be required at the time of the bid opening. Samples may be subjected to laboratory testing at the discretion of the contracting officer. Bidders are responsible for all testing costs of their sample garments.

Bidders must enclose evidence (dated manufacturers catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days for agency approval.

Garments must be manufactured to ISO 9001 quality assurance standard. A copy of the certificate registration will be required with the bid.

Specification based on Size Medium (15.5), Regular length.



FABRIC:

Content – 75% Polyester/ 25% Worsted wool plain weave, manufactured by Raeford. Machine washable and dry cleanable wool blend provides user comfort, uniform appearance, durability, and easy care.

Weight – 6.10-6.40 oz. per square yard

Physical Properties:

- Ply of yarn – 2-ply Warp, Single ply filling
- Construction – 47 ends per inch, 43 picks per inch

- Breaking Strength - ≥ 120 lbs in Warp
 ≥ 90 lbs in Filling
- Tear Strength - ≥ 12 lbs in Warp
 ≥ 10 lbs in Filling
- Minimum Filling Stretch – 10%
- Fiber Length – Worsted Wool: 3-3.5 inches average minimum; Polyester: 3 inches minimum

SATIN FABRIC:

Content – Nylon Sateen or Dacron 100% Polyester. Excellent colorfastness and less than 1% shrinkage. Soft and non-pilling surface; color match to shell fabric.

Weight – 151 grams per square meter

Physical Properties:

- Finished Construction:
 - Warp: 214 Ends
 - Fill: 80 Picks
- Yarn Sizes:
 - Warp: 75 Denier Textured Polyester
 - Fill: 150 Denier Textured Polyester
- Breaking Strength:
 - Warp: 2,587 Grams
 - Fill: 4,480 Grams

TRIM:

Lining: 100% Polyester Satin

Interlining: 100% polyester & 100% cotton

Front Zipper: nylon coil, size 4.5, 14 inches.

Hook and loop: Woven Nylon base

Buttons: melamine, 20 ligne, matching shell fabric

TOP FUSING:

The following small parts shall be top fused prior to sewing.

Placket, collar, and cuffs fused with Etacol 100% Cotton Print Cloth, 3.20 oz/sq yd.; woven

Pocket flaps and epaulets, fuse and tac with Thermalbond, 100% polyester, 1.55 oz/sq. yd.; non-woven

COLLAR:

Points medium spread are to be 3-1/8" in length and are to be topstitched 1/4" from the edge. Back of the stand measures 1-1/4". Permanent stays 2-1/2" in length and 1/4" wide, to be sewn inside collars so that no stitches are made through bottom leaf. Stand shall fasten with one (1) button. Inner stand and inner yoke to be lined with matching Nylon Sateen or Dacron 100% Polyester, cut on the bias, to assure that the collar will lie properly. Collar shall be top fused.

SLEEVES:

To be straight, in one piece. Sleeve setting to armhole with single needle safety stitch. The cuffs to be 2 1/4" in width, and to fasten with two-four hole buttons. First button set 1/2" from edge and second button 1 1/2" from side edge. The cuff shall be topstitched 1/8" at the bottom, and 1/16" from the edge of the top. An additional stitch shall run across the cuff 1/4" down from the top edge of the cuff. There shall be a sleeve vent opening from the top of the cuff. The vent placket shall be 1" wide finished with 1/16" single needle topstitch; and shall close with a button and buttonhole, spaced approximately halfway up the opening. The sleeve seam, as well as the sleeve setting seam (i.e. securing it to be body of the shirt) must be made by a narrow safety stitch, so as to properly strengthen the seam, as well as prevent the fabric from raveling. Cuffs are to be top fused and fully lined to give body by sewing in a self-fabric inner lining, cut straight to retain its shape.

FRONT:

The front shall have a placket 1-1/2" wide, extending to the bottom of the shirt and be made of the same material as the shirt fabric with two rows of stitching 1" apart and 1/2" from the edge. This center facing shall be top fused to give body. There shall be a 14" Nylon zipper with a compatible colored tape sewn to the front of the shirt, replacing the second, third, fourth, and fifth buttons which are to be sewn on top of the buttonhole on the top center front facing. The buttonholes on the center front shall be placed 3/4" from the edge and spaced so that the distance from the center of the button to the center of the next button is 3-1/2". Hem shall be clean finished using double bend back folder with 1/4" top stitching.

POCKETS:

To have two (2) breast pockets. Breast pockets to be topstitched 1/16" from the edge, with mitered corners, to finish 5-1/2" wide and 5-3/4" long. Breast pockets to have 1-1/2" box pleat stitched top and bottom to prevent spreading. The left breast pockets shall have a pencil compartment 1-1/4" wide corresponding to opening on flap.

FLAPS:

To have two (2) scalloped flaps, made with 1 ply shell folded, and top-stitched 1/16" from the edge. Flaps finish 5-3/4" in width, 2-3/4" in long at center point, 2-1/2" in long at side points. Flaps are secured to the front of the shirt with two rows of stitching 3/16" apart, the left flap has 1-1/4" pencil opening. Flaps to be fully lined to give body, by sewing in a Nylon Sateen of Dacron 100% Polyester interlining, 425 weight mellowpress, cut straight. There is to be a button and buttonhole sewn on the flap. The side points of the flaps are to be secured to the pocket by means of 1" by 5/8" hook and loop fasteners sewn onto the flaps and pockets, the hook portion being stitched to the pocket and loop portion sewn to the underside of the flap. The loop piece sewn to the flap shall not be sewn through and through the flap, but must be attached during the manufacturing process before the flap is assembled to prevent the stitching from showing.

BADGE SLING:

To be reinforced on the inside of the shirt by means of 1 ply shell fabric 1-1/2" wide, stitched and folded, so that there are no raw edges. This reinforcement strip is to be set approximately 2" down from the top of the pocket, to be caught in the double stitching of the flap setting stitches and extend and be caught in the joining seam at the front of yoke. To have two small horizontal buttonholes 1-3/8" apart with the button buttonhole 1 1/4" above the top of the left flap.

SHOULDER:

The shoulder strap shall be made of 1 ply shell fabric folded and 1 ply fuse and tac interlining, topstitched 1/16" from the edge, and pointed at the end toward the neck of the shirt. The other end shall be sewn in the sleeve with topstitch at sleeve setting seam and taper to 1-1/2" wide. The length is to be graduated conforming to the size of the shirt. The strap shall be tacked at shoulder with an 'X' cross stitched 1-3/4" from the sleeve head seam and opening shall be big enough to allow microphone to pass through. Unslit buttonhole vertical to length 3/8" from point with button sewn centered on top.

BACK YOKE:

One-piece back yoke fully lined with matching Nylon Sateen or Dacron 100% Polyester finished with 1/16" topstitching. The yoke is to measure approximately 4-1/4" high at the center back.

PERMANENT MILITARY CREASE:

Shirt is to have permanent 1/16" military stitched-in creases. One crease in each front extends from hem to shoulder joining seam. Front pockets and flaps to be centered over the crease. Crease is not to run through pocket or flap. Three (3) vertical creases in back, middle crease on center back line, side creases spaced equally from center crease.

THREAD:

All thread shall be polyester wrapped on monofilament polyester. Color to match.

CUSTOM PIPING ON POCKET FLAPS & EPAULETTES:

Black surged edge sewn into pocket flaps and epaulettes.
Cord edge or piggyback edge will not be accepted.

EMBLEMS:

Department emblems to be sewn on each sleeve.

STITCHING:

All stitching conforms to Federal Standard 751 specifications (FED-STD-751). All stitch types are sewn at stitch per inch (S.P.I.) rates individually set by operation at no less than 10 S.P.I. and not more than 12 S.P.I. to insure extended sewn wear life. All thread tension is evenly maintained to eliminate right or loose stitching. All seam allowances are to be maintained so that there are no raw edges, run offs, twist, pleats, puckers or open seams.

SIZES:

Permanent size marking giving neck size is to be located inside of collar.

CARE LABEL:

Care instructions to be on hem of shirt in front.

PRESSING & FINISHING:

Shirt shall be carefully pressed by hand in a first class manner. All loose threads to be thoroughly trimmed.

STANDARD SIZE RANGE:

Men's: 13.5-24.5 Neck Sizes, (30-31), (32-33), (34-35), (36-37) Sleeve Lengths

Women's: 28-54, Short and Regular Lengths

MEASUREMENTS:

Men's: Size 15.5, Length 33

Neck:	16.75	(plus or minus 0.5 inches)
Chest:	46.5	(plus or minus 0.75 inches)
Back Length:	31	(plus or minus 0.5 inches)
Sleeve Length (from CB neck):	31	(plus or minus 0.5 inches)

Women's: Size 36, Regular

Neck:	14.25	(plus or minus 0.5 inches)
Chest:	42	(plus or minus 0.75 inches)
Back Length:	28.5	(plus or minus 0.5 inches)
Sleeve Length (from CB neck):	32.5	(plus or minus 0.5 inches)

**LOUISIANA STATE UNIVERSITY POLICE DEPARTMENT
BLAUER SPECIFICATIONS
9825Z TAC SHELL DUTY OVER PANT
COLOR: BLACK (11)
DATE: JUNE 15, 2016**

GENERAL:

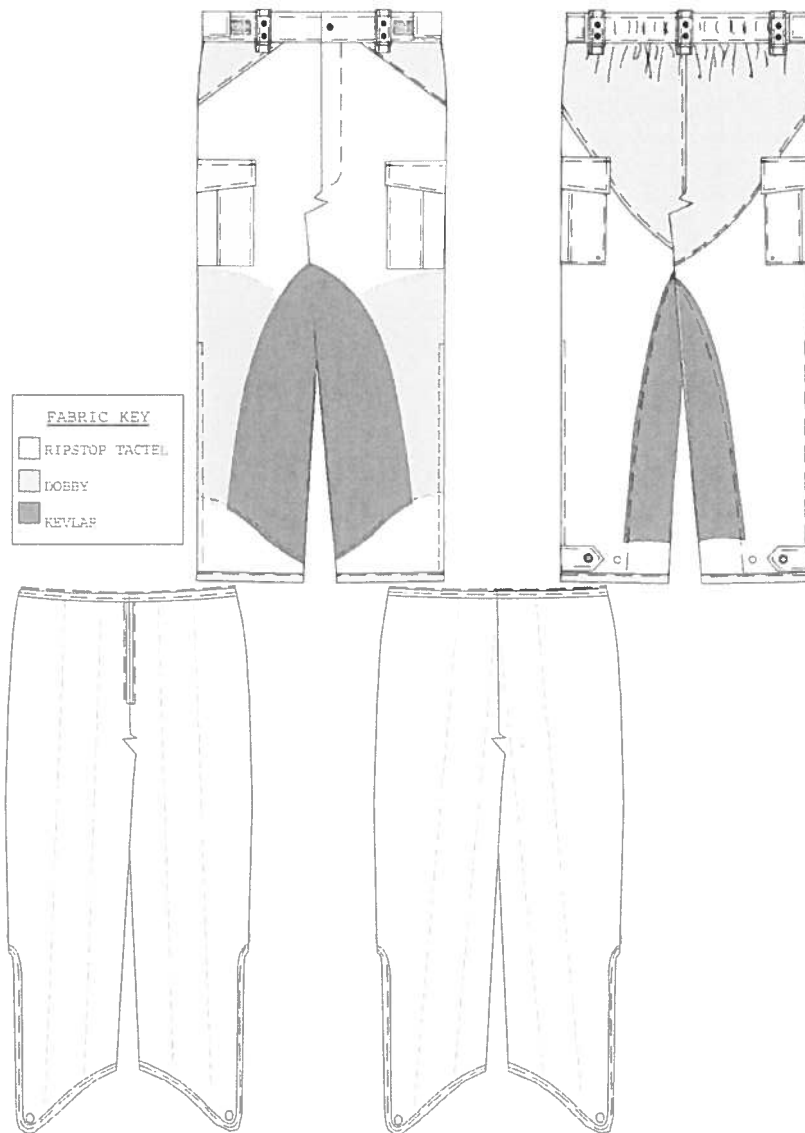
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Bidders must enclose evidence (dated manufacturers catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days for agency approval.

Garments must be manufactured to ISO 9001 quality assurance standard. A copy of the certificate registration will be required with the bid.

Specification based on Size Medium, Regular length.



FABRIC:

Shell 1 Content: 85% Nylon/ 15% Spandex Tactel Ripstop, 3C laminated with B.Dry membrane and tape-able tricot backing

Physical Properties:

- Weight: 6.50 oz. per square yard (+ or - .25 oz.)
- RF-78
- Warp: 70 Denier
- Filling: 160 Denier
- Warp Yarn: 162
- Filling Yarn: 781
- 20D Tricot on back side
- Color: See specified garment color.

Shell 2 Content: 100% Nylon Dobby

Physical Properties:

Shell 3 Content: Kevlar – 86.2% Nylon/ 8.3% Kevlar/ 5.5% PU

Physical Properties:

- PU clear coating 375 g/m2

INTERNAL LINING FABRIC:

Lining Content, inside face: 100% Polyester Fleece

Physical Properties:

- 150D/ 96
- 330g

Lining Content, outside face: 100% Nylon Taffeta

Physical Properties:

- 210T count plain weave

TRIM:

- Interlining: 100% polyester non-woven
- Binding: 100% Nylon Taffeta; 210 T count
- Seam Tape: 1" wide waterproof Bemis ST10401
- Fly zipper: Nylon coil #5 with waterproof rubber tapes
- Vent zippers: Nylon coil #5 waterproof type with large pull-tab
- Interior lining zipper: Nylon #3, large pull-tab
- Snap: 24 ligne Prym style brass non-rusting heavy-duty closure; gunmetal finish with black nylon caps
- Hook/Loop tape
- Elastic: 2"

THREAD:

All thread shall be polyester wrapped on monofilament polyester. Color to match.

STITCHING:

All stitching conforms to Federal Standard 751 specifications (FED-STD-751). All stitch types are sewn at stitch per inch (S.P.I.) rates individually set by operation at no less than 10 S.P.I. and not more than 12 S.P.I. to insure extended sewn wear life. Stitch type 401 Tandem is used at a combined S.P.I. of 16. All thread tension is evenly maintained to eliminate right or loose stitching, All seam allowances are to be maintained so that there are no raw edges, run offs, twist, pleats, puckers or open seams.

WAISTBAND:

Front and back waistband shall be integral to the shell of the pant with the specified elastic sewn into the back waistband. Front Fly Zipper shall close with 1 snap at the center of waistband and snap shall have black color plastic cap showing on the right side. Waistband shall be top stitched 1/4" away from the top edge and edge stitched at joining seam with 4 rows of stitching on the elastic portion of the Back waistband. Front waistband shall be flat, contain no

elastic and have adjustable side waist tabs with hook/loop closure towards Front.

BELT LOOPS:

There shall be five 1" wide by 8" long belt loops sewn to the outside of the waistband; 2 belt loops sewn to the front and 3 belt loops shall be sewn to the back. Belt loop placement on back of pant shall be 1 belt loop @ CB, two belt loops 4" from CB (to center of belt loop), and shall grade 1/2" per size. Belt loops shall be secured closed with 2 snaps measuring 2-3/4" folded to accommodate a 2-1/4" Duty Belt; snaps shall have black color plastic cap showing on the right side of the loops. There shall also be one Center back belt loop 'tab' measuring 2-1/2" with snaps closure is attached to inside bottom WB seam @CB waist. This tab will snap into place and secure duty belt to CB belt loop as an option for wearer to wear the duty belt without putting belt thru' belt loops but to roll WB of pant over the duty belt instead.

LEG VENTS:

Shall close with a zipper extending 19" up from the bottom of leg opening. A Self tab with point has one center snap to close towards back with two(2) corresponding male snaps on back leg for adjustment; 1st snap 2-1/4" from side seam and 2nd snap 1-3/4" space from 1st snap (on center). Female snaps shall have black color plastic cap showing on the right side of the tab.

PATCHES:

Kevlar patches shall be placed at inside of leg towards front to protect Wearer from hot exhaust pipe.

The Placement of patch above hem shall measure:

Reg - 2-5/8"

Short – 1-1/2"

Long – 4-3/4"

POCKETS:

There shall be one Cargo pocket on each side seam with two pleats on each pocket with stitched at folded edges; pleats facing towards back. Cargo pockets shall have angled pocket flaps with the smaller side closest to pant front. There shall be 1 eyelet on each cargo pocket at the back lower corner of the pockets.

Pocket shall be shifted towards CF

LINER:

Inside lining of fleece backed with taffeta has vertical quilted stitching. The quilted side of liner should touch wearer's skin. The removable zip-in liner is attached to the inside of the waistband and shall have 2 male snaps that attach to corresponding female snaps on the shell next to side seam at the hem of the pant.

Lining shall have an additional male snap at the top of the side seam opening for the leg vent that corresponds to a female snap which can be attached to an inside tab at the top of the leg vent of the shell. Other aspects are a clean finished waist, front opening, side leg vent opening & bottom hem with 1/4" lining binding.

FINISHING:

SEAM WATERPROOFING – The seam tape shall be 3-Layer, compatible with the coating compound and assume all the characteristics of the coating compound after application. Tape shall be applied by ultrasonic or hot air methods, and not be affected by weather, temperature or storage. Taped seams shall be tested for waterproofing in accordance with Federal Test Std.

#191, Method #5514 and there shall be no appearance of water in the test area when the hydrostatic head is raised to 50 centimeters for a period of 3 minutes.

HEM - Pants shall be hemmed with dobby shell fabric in a 3/8" binding method.

TOPSTITCHING - A single needle topstitch measuring 1/16" shall apply to all seam-edges, pocket pleat edge, pocket attachment, belt-loops, inseams, and rises. A single needle topstitch measuring 1/4" shall apply to pocket flap edges, leg zipper flaps, & adjustable side waist tabs. A double needle J-topstitch shall be used on the front fly zipper and shall measure 1-1/2" wide.

WORKMANSHIP:

All trousers are made in an ISO 9000 certified plant and are inspected during manufacturing, at final trimming and packing to insure consistent quality and adherence to this specification.

WARRANTY:

All trousers shall be warranted against defects in materials and workmanship for one year.

LABELING:

All trousers will bear all labels mandated by the Federal Trade Commission at the date of manufacture. All products must be cut and sewn in Mexico using US made components.

SIZING:

Trousers are fully graded such that all vital dimensions change according to waist size. The grade applies not only to seat, front rise, back rise, and thigh measurements but also to the knee and bottom measurements. Additionally, the trousers shall be manufactured and stocked in three (3) separate rises, regular, long and short rise, each with their own grade designed to fit regular, long and short torsos.

STANDARD SIZE RANGE:

Men's: sizes XS – 5XL; Short, Regular & Tall

MEASUREMENTS:

Men's Shell:	Regular Length/	Size Medium:	
a.	1/2 Waist Relaxed:	20	(plus
	or minus 0.75 inch)		
b.	1/2 Seat:		
	23		(plus or minus 0.75 inch)
c.	1/2 Knee:		
	12.25	(plus or minus 0.5 inch)	
d.	1/2 Bottom Leg:		9.25
	(plus or minus 0.5 inch)		
e.	Inseam:		
	31.5		(plus or minus 0.5 inch)
f.	Front Rise:		
	12.5	(plus or minus 0.25 inch)	
g.	Back Rise:		
	17		(plus or minus 0.25 inch)

**LOUISIANA STATE UNIVERSITY POLICE DEPARTMENT
BLAUER SPECIFICATIONS
134 B.DRY RAINPANTS
COLOR: BLACK (11)
DATE: JUNE 15, 2016**

GENERAL:

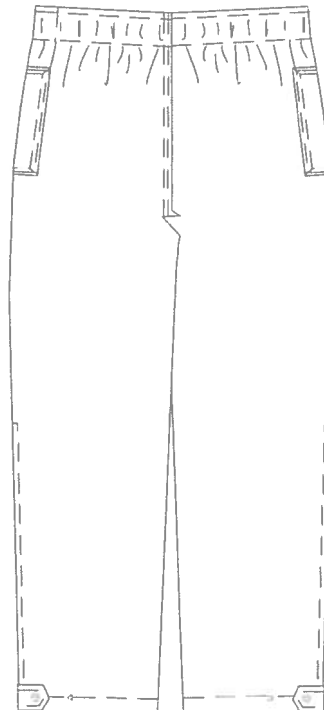
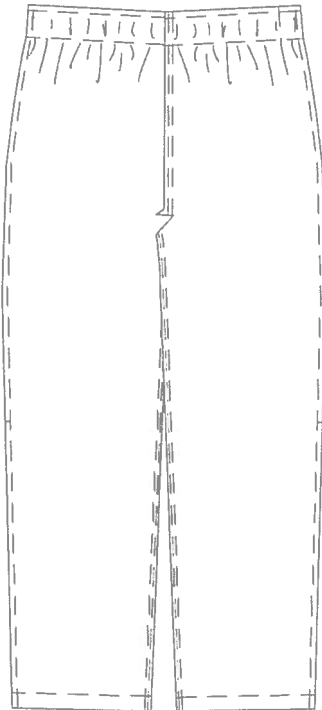
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Bidders must enclose evidence (dated manufacturers catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days for agency approval.

Garments must be manufactured to ISO 9001 quality assurance standard. A copy of the certificate registration will be required with the bid.

Specification based on Size Medium, Regular length.



FABRIC:

100% Polyester Oxford 300 denier x 300 denier pigmented PU waterproof breathable hydrophilic coating 3000mm waterproofness and 3000gm MVP; shall resist oil, discoloration and be odor free.

TRIM:

- Snap: 20 ligne brass non-rusting heavy-duty closure; gunmetal finish with 24 ligne black nylon caps
- Elastic: 2"; color black
- Zippers: Nylon coil, size #5, one-way; color black
- Seam Tape: 1" ultrasonic application quality; color clear
- Elastic cording: 1/8"; color black
- Cord Locks: non-conductive nylon with non-rusting springs; color black

THREAD:

All thread shall be polyester wrapped on monofilament polyester. Color to match.

GENERAL DESIGN:

The rain pants shall be a waterproofed, fully cut, well-balanced, one-piece leg, pull-on design, with side openings for access to pockets.

SEAMS:

Pants inseams and rises shall be 3/16" gauge, double needle chain stitch, lap seam felled construction. Side opening shall be 3/16" gauge, double needle stitch. Side seams shall be single needle 1/4" gauge topstitch. All seams shall be 8 stitches per inch minimum to 12 stitches per inch maximum. Seams shall be free from puckering, pleats, runoffs and raw edges.

SEAM WATERPROOFING:

Seam tape shall be transparent, compatible with the coating compound and assume all the characteristics of the coating compound after application. The tape shall be applied by ultrasonic or hot air methods. The tape shall not be affected by weather, temperature or storage. The taped seams shall be tested for waterproofing in accordance with Federal Test Std. #191, Method #5514. There shall be no appearance of water in the test area when the hydrostatic head is raised to 50 centimeters for a period of 3 minutes.

SIDE OPENING:

There shall be side opening welts into side seams on back pant panel for access to trouser pockets. Welts shall be 8" long by 1-1/4" wide

LEG VENTS:

Leg vents shall extend 17" up from the bottom of the cuff. There shall be a snap tab at the side seam hem extending from the front seam and securing to either of 2 male snaps on back leg.

WAISTBAND:

The front and back waistband shall be integral to the shell of the pant with the specified elastic sewn with 2 rows of stitching 1-3/4" apart centered on the waistband. There shall be a continuous draw-cord adjusting at the front through 2 eyelets/buttonholes with a draw-cord.

HEM:

The hem shall finish at 1".

STITCHING:

All stitching conforms to Federal Standard 751 specifications (FED-STD-751). All stitch types are sewn at stitch per inch (S.P.I.) rates individually set by operation at no less than 10 S.P.I. and not more than 12 S.P.I. to insure extended sewn wear life. Stitch type 401 Tandem is used at a combined S.P.I. of 16. All thread tension is evenly maintained to eliminate right or loose stitching, All seam allowances are to be maintained so that there are no raw edges, run offs, twist, pleats, puckers or open seams.

WORKMANSHIP:

All trousers are made in an ISO 9000 certified plant and are inspected during manufacturing, at final trimming and packing to insure consistent quality and adherence to this specification.

WARRANTY:

All trousers shall be warranted against defects in materials and workmanship for one year.

LABELING:

All trousers will bear all labels mandated by the Federal Trade Commission at the date of manufacture. All products must be cut and sewn in Mexico using US made components.

SIZING:

Trousers are fully graded such that all vital dimensions change according to waist size. The grade applies not only to seat, front rise, back rise, and thigh measurements but also to the knee and bottom measurements. Additionally, the trousers shall be manufactured and stocked in three (3) separate rises: Regular, Long, and Short rise, each with their own grade designed to fit regular, long, and short torsos.

STANDARD SIZE RANGE:

Men's: sizes XS – 5XL; Short, Regular, & Long

MEASUREMENTS:

Men's Shell: Regular Length/ Size Medium:

- | | | |
|----|--------------------------|--------|
| a. | Waist Relaxed: | 32 |
| | (plus or minus 1 inch) | |
| b. | Seat: | 52 |
| | (plus or minus 1 inch) | |
| c. | Knee: | 24-3/4 |
| | (plus or minus 1/2 inch) | |
| d. | Bottom Leg: | 18-1/2 |
| | (plus or minus 1/2 inch) | |

- e. Inseam: 30-3/8 (plus or minus 1/2 inch)
- f. Front Rise: 15 (plus or minus 1/4 inch)
- g. Back Rise: 19-1/2 (plus or minus 1/4 inch)

**LOUISIANA STATE UNIVERSITY POLICE DEPARTMENT
BLAUER SPECIFICATIONS
233R BLAUER REVERSIBLE RAIN JACKET
COLOR: BLACK REVERSING TO HI VIS YELLOW (53)
DATE: JUNE 15, 2016**

GENERAL:

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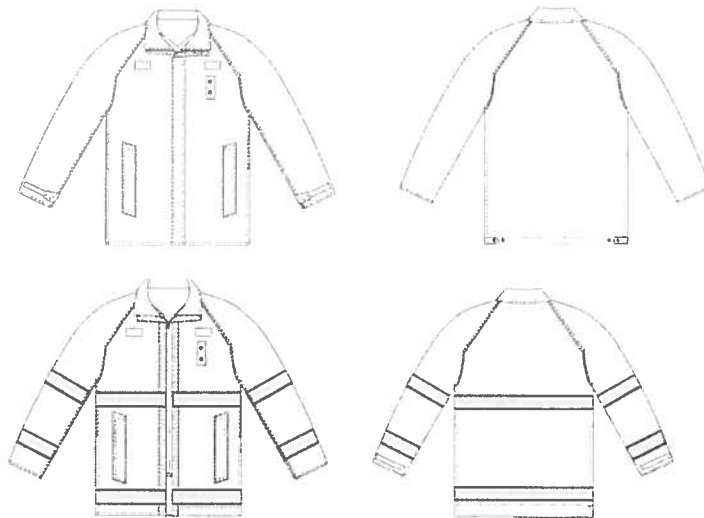
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Bidders must enclose evidence (dated manufacturers catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days for agency approval.

Garments must be manufactured to ISO 9001 quality assurance standard. A copy of the certificate registration will be required with the bid.

Garments must meet ANSI 107:2010 Class III and third party certification of materials and design must be available.

Specification based on Unisex Size Medium, Regular length.



FABRIC:

Shell: 100% nylon oxford 200 denier x 200 denier PU hydrophilic clear coating 3000mm waterproofness 3000gm MVP; shall resist oil, discoloration and be odor free. Face treated for water repellence.

- Weight: 135-125G
- Hi-Vis: 100% polyester oxford 300 denier x 300 denier PU pigmented hydrophilic coating 3000mm waterproofness 3000gm MVP; shall resist oil, discoloration and be odor free. Face treated for water repellence.
- Weight: 185-175G

SEAM TAPE:

Waterproof seam-sealing tape, 1" in width compatible with the coating compound. (Color: Clear)

TRIM:

- Eyelets: 3L matt. (Color: black)
- Hook and loop: woven nylon base. (Color: black)
- Reflective trim: 2 inch wide, 3M Scotchlite™ silver reflective fabric on 2.5 inch wide black ribbon.
- Snaps: non rusting reversible and regular, 24 ligne, gun metal finish nickel on brass, heavy duty closure, black nylon cap
- Zipper: Front zipper: vislon, two way, 25inches. (Size L/Reg, Color: black)

COLLAR:

The collar shall be a 3-layer, stand-up sports design with zipper to top. Two layers shall be made of black shell with one layer of non-woven interlining between the two layers. Collar point length and collar height at center back measures 3 ½".

SLEEVES:

Sleeve shall be one-piece raglan style. Sleeves shall have a 2-1/2" tab at the bottom, sewn into the sleeve seam. The sleeve shall have a vent at the sleeve seam to allow the tab to be used for both sides. A 2" by 5/8" piece of hook shall be affixed to the tab. Two pieces of loop measuring 6-5/8" x 5/8" shall be affixed to the sleeve. One piece shall be on the black side and one on the high-visibility side to allow for adjustment when either side is worn. On the high-visibility side two pieces of reflective trim shall be sewn on with the ends sewn into the sleeve seam. One piece shall be placed at 3-3/8" up from the cuff, and the other shall be at the bicep 5-3/4" down from the underarm seam.

FRONT FLY:

There shall be top and under storm flies both covering the front zipper. The under stormfly shall be folded up a 3/8" and secured with ten bar tacks to form a gutter; bar tacks are to be placed in the center of the folded gutter area. The storm flies shall have six snap fasteners for closure. The female snaps shall be set to the top storm flap through the bottom ply of material and one ply of interlining only so they are not exposed on the front of the jacket. The male snaps shall be set through all layers of the under storm flap.

SIDE OPENINGS:

The jacket shall have two side openings that allow access to the wearer's belt. A snap tab sewn into the side seam at the bottom shall keep the vent closed when the zipper is open. The

tab shall be sewn to the front of the garment with the female snap, and the male snap should be on the back hem.

POCKETS AND FLAPS:

There shall be two (2) welt-style, cut-thru pockets for easy access to weapons and the pocket bags. The pocket flaps shall measure 8 1/4" at the opening. The pocket bag shall be sewn into the hem on the black side. The bottom of the pocket shall be attached to the hem.

BADGE TABS:

There shall be a badge tab constructed of two plies of the shell fabric measuring 7/8" wide by 2-1/2" high with 2 metal eyelets spaced 1-3/8" center to center. There should be one badge tab for each shell fabric. Each badge tab may be sewn on the left chest on the corresponding side; currently is shipped in attached polybag for personal customization.

MIC TABS:

Two mic tabs should be sewn on both the black side and the high-visibility side. Opening of mic tabs are to measure at least an 1-1/2". Mic tab shall be placed 3-1/2" from center front and 3" from front raglan sleeve seam.

REFLECTIVE TRIM:

The specified reflective trim shall be sewn on high-visibility side above the cuffs, around the bicep, 2" above bottom hem, and around the chest. Reflective trim placed around chest shall extend over the zipper facing and bottom to the front edges.

WATERPROOF SEAM TAPE:

All exposed seams on the hi vis side shall be sealed with dyed to match thermoplastic sealing tape.

THREAD:

All thread shall be polyester wrapped on monofilament polyester. Color to match.

STITCHING:

All stitching conforms to Federal Standard 751 specifications (FED-STD-751). All stitch types are sewn at stitch per inch (S.P.I.) rates individually set by operation at no less than 10 S.P.I. and not more than 12 S.P.I. to insure extended sewn wear life. All thread tension is evenly maintained to eliminate right or loose stitching. All seam allowances are to be maintained so that there are no raw edges, run offs, twist, pleats, puckers or open seams.

HOOD:

Add Scovil Gypsy HD Snaps to both sides of collar to accommodate the #123 Black Hood. #123 Black Hood to be included with #233R Rain Jacket.

REFLECTIVE LETTERS:

Add reflective "**POLICE**" lettering on back of Hi-Vis side.

Letter height of "**POLICE**" approx 3.5". Overall size of "**POLICE**" to be approx 3.5" high, 10.5" wide.

SIZES:

Permanent size marking labels should be sewn to the top piece of the pocket bag on the wearer's left front.

ANSI LABELS:

Labels shall be sewn to the top piece of the pocket bag on the wearer's right front. Labels shall be sewn on all 4 sides to the pocketing in the pocket bag.

PRESSING & FINISHING:

Jacket shall be carefully pressed by hand in a first class manner. All loose threads to be thoroughly trimmed.

UNISEX SIZING:

Short:	XS - 6XL
Regular:	XS - 6XL
Tall:	XS - 6XL

MEASUREMENTS:

Regular length: Size: M

Chest:	51	(plus or minus 0.75 inches)
Sleeve from CB Neck:	36.125	(plus or minus 0.5 inches)
Back Length:	32	(plus or minus 0.5 inches)

**LOUISIANA STATE UNIVERSITY POLICE DEPARTMENT
BLAUER SPECIFICATIONS
4660 SOFT SHELL ACTIVE DUTY JACKET; LINER TO SYSTEM OUTERWEAR
COLOR: DARK NAVY (04) and BLACK
DATE: MARCH 30, 2016**

GENERAL:

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Garments must be manufactured to ISO 9001 quality assurance standard. A copy of the certificate registration will be required with the bid.

Specification based on Size Medium, Regular length.



FABRIC:

Outshell content: 88% Nylon, 12% Spandex with a durable water repellent and soil release finish. Softshell Fleece (laminated to inside) 50% Polyester, 44% Nylon, 6% Spandex. Shall be deep color reactive dyed, colorfast to home laundering, and have a permanent press finish. Shrinkage - +/-3% for torque and +/-7% for length & width Weight – 310 GSM

COLLAR:

Stand up collar style with zipper closure to top of collar. The collar consists of two layers of self-fabric and two layers of fusible tricot for reinforcement and structural integrity. The inner

collar-joining seam will be clean finished to protect the wearer's neck from a rough seam edge. The collar will lay flat and be shaped to the neck without gapping or puckering. When turned up the collar will comfortably fit around the wearer's neck and come short of the chin. There shall be a 2" by 3/8" hanger loop attached to the back of the collar and a garment label on the inside collar.

SLEEVES:

To be straight one-piece set in style with 1" cuffs of self-fabric and lined with 7/8" elastic. The inseam shall be safety stitched. Ribbon loop 1/2" wide by 1-1/4" long is centered over sleeve underarm seam above bottom hem stitch for attachment to Shell System outer jacket. Cuff hem shall finish with 1-3/16" facing of shell fabric and underside of cuff shall be elasticized with 1" elastic.

FRONT:

The front shall be two-piece and shall have a full zip opening from top of collar to bottom hem. The #5 Vislon molded tooth YKK zipper shall be exposed type with a rounded wide pull. The top curved yoke shall measure 10 inches from the shoulder/neck seam junction and shall curve down towards bottom hem with top stitching. There shall be lower vertical side opening zippers covered by welt seam to allow easy access to wearer equipment. Zippers shall be clean finished with tricot binding to edges. The bottom hem shall be turn up style 1-1/4" with 7/8" washable and dry cleanable elastic set into and clean finished. The bottom hem will stretch no less than 20%.

SIDE OPENINGS: There shall be side openings on both sides for access to equipment measuring 11-1/2" long. Zippers shall be clean finished with tricot binding to edges. There shall be an elasticized tab that measures 3" x 1" with male snap and female snaps with cap on waistband placed 1-3/4" away from zipper center on both side of opening.

POCKETS:

Has two (2) lower welt pockets made of Softshell fabric and 1 ply interlining with zipper closure. Side pockets opening towards side seam on slight angle and measures 7". There shall be a zippered napoleon pocket on wearer left side open towards center front measuring 6" (regular length). Pocket bags constructed with 1 layer brushed flannel fabric and 1 layer tricot. Zippers close from bottom to top.

BACK:

Back curved yoke and center panel consist of 1 ply softshell fleece fabric. Back yoke seaming with top stitching has same curve to hem as front. Bottom hem shall finish with 1-1/16" facing of shell fabric and back of hem shall be elasticized with 1" elastic.

SHOULDERS:

Set in style with slight drop for increased range of motion and comfort. Shoulder sleeve shall be top stitched for strength.

MIC TAB:

There shall be mic tabs sewn onto each side of jacket front. Two (2) mic tabs are made of 2 ply of shell fabric and 1 ply of interlining or adhesive webbing measuring 7/8" wide by 2" high. Mic

Sleeve Length From CB Neck: 34 (plus or minus 0.5 inches)

**LOUISIANA STATE UNIVERSITY POLICE DEPARTMENT
BLAUER SPECIFICATIONS
9970 SUPERSHELL JACKET WITH GORE-TEX FABRIC
COLOR: DARK NAVY (04)
DATE: MARCH 30, 2016**

GENERAL:

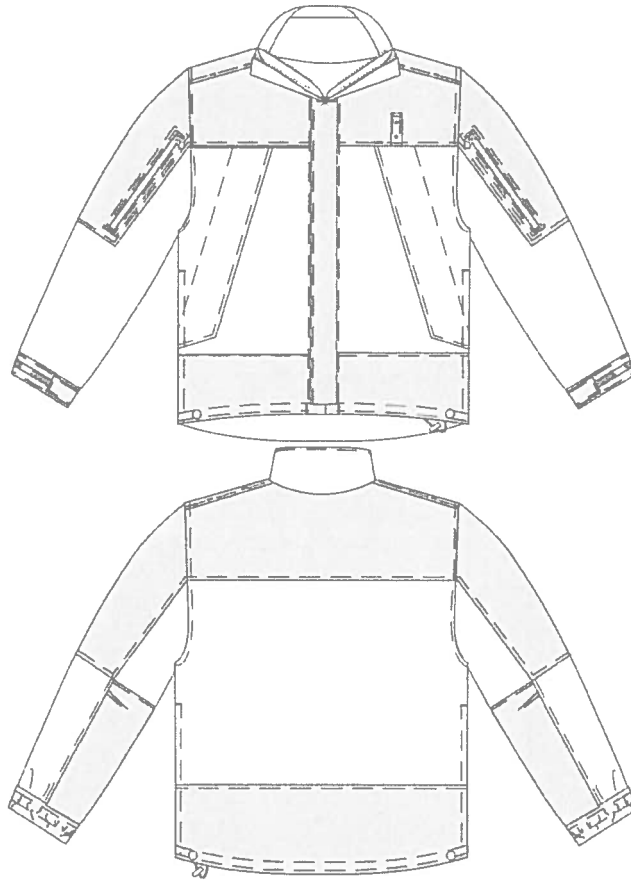
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Specification based on Size Large, Regular length.



FABRIC:

- **SHELL:** Matrix Fabric: 70 Denier warp and 140 denier filling 100% Nylon Ripstop weave. Honeycomb pattern printed urethane non-ravel backcoating to insure breathability, prevent seam slippage, and to maintain shell fabric appearance. (Color: see specified garment color)
- **LINING:** Gore-Tex waterproof-breathable membrane laminated to a 2.18 oz. per square yard, 100% textured polyester, 70 denier plain weave fabric (Color: charcoal) resulting in a dry cleanable and washable waterproof material with high moisture vapor transmission.
- **CONTRAST SHELL – ILLUMINITE:** The shell reinforcement fabric shall consist of a woven nylon fabric with embedded reflective satellite dishes to reflect car headlights. Cloth Type: X85 100% Nylon (52x60/200Dx140D) (Color: See specified garment color.)

WATERPROOF-BREATHABLE PERFORMANCE:

1. Moisture Vapor Transmission Rate ($\text{g/m}^2/24\text{hr}$):
 - a. Procedure B (upright cup) 700 Minimum
ASTM E 96-93
 - b. Procedure BW (inverted cup) 6500 Minimum ASTM E 96-93

- | | | |
|--|-------------------|-----------------------|
| 2. Total Heat Loss (Q_t) (Watts/m ²) | 450 minimum | ASTM F1868 |
| a. After 25 Laundry Cycles | | |
| 3. Hydrostatic Resistance (psi): | | 140 Minimum |
| FED-STD-191A 5512 | | |
| 4. Low Pressure Water Permeability: | | |
| a. Initial: | No Leakage | |
| | FED-STD-191A 5516 | |
| b. After Cold Flex: | Warp | No Leakage |
| | | ASTM D 2097-69 (1980) |
| Fill | | No Leakage |
| | | ASTM D 2097-69 |
| (1980) | | |
| c. After 100 Hours of Continuous Wet Flex: | No Leakage | |
| d. After Dry Cleaning: | | No Leakage |
| 5. High Pressure Water Permeability: | | |
| a. Initial: | No Leakage | |
| | BS 3424: Part 26: | |
| b. After Exposure to Contamination: | No Leakage | 1990 Method 29A |
| | | BS 3424: Part 26: |
| c. After Synthetic Perspiration | No Leakage | 1990 Method 29A |
| BS 3424: Part 26: | | |
| | | 1990 Method 29A |
| 6. Seam Tape Water Permeability: | | |
| a. Initial | No Leakage | |
| | FED-STD-191A 5516 | |
| b. After 10 Laundry Cycles | No Leakage | |
| | FED-STD-191A 5516 | |
| | | ANSI/AATCC 135 |
| c. After 10 Dry-Clean Cycles | No Leakage | |
| FED-STD-191A 5516 | | |
- (Refer to Addendum for waterproof-breathable test methods)
- (Measured Property Acceptance Criteria: For moisture vapor transmission rate and hydrostatic resistance, the mean of each sample unit must meet the requirement specified. The mean is the average of five cross-web specimens. For water permeability blood and body fluid and common chemical testing, each individual specimen must meet the requirement specified.)

SEAM TAPE:

3-layer Gore-Seam tape 1 inch wide compatible with permanent waterproof-breathable lining.

TRIM:

- Interlining - Stormflaps, Sleeve tabs, & Shoulder Straps: 100% polyester non-woven; 1.9 oz. per sq. yd. (color: white)

- Interlining – Inner Stormflap: 65% polyester / 35% cotton woven; Warp 21; Filling 26; 3.46 oz. per sq. yd. (color: white)
- Pocketing: 100% Polyester knitted mesh; 2.12 oz. per sq. yd. (color: black)
- Ribbon - loops: 1/4" & 1/2" grosgrain. (Color: black)
- Snaps: all Universal Brand
 - For Center Front, Storm Flaps, & Side Elastic Tabs: 24 ligne, spring snap with closed backs, non-rusting gunmetal finish on brass, heavy-duty closure.
 - On outside bottom: 24 ligne, spring snap with closed backs, non-rusting gunmetal finish on brass, heavy-duty closure and black caps
 - For ribbon loops, tabs, & collar/neckline: 15 ligne, plastic (color: black)
- Eyelets: size #100 of brass (color: black)
- Zippers: all be YKK brand (color: black)
 - Front zipper: Vislon, one-way, separating, size #5.
 - Side Vents, Front Pocket, & Sleeve pockets: nylon coil, one way, size #5
 - Stormfly Pocket: nylon coil, one way, size #3
 - For additional compatible Liner: Vislon, one-way, separating, reversible pull, size #5 MUSI
- Elastic: Spandex, knitted elastic, dry cleanable (color: white)
 - For cuffs: 1-1/2"
 - For Waist Tabs: 1"
- Elastic Drawcord: 1/8" drawstring (color: black)
- Cordlocks: nylon fabrication with nylon spring (color: black)
- Hook and loop: woven Nylon base. (Color: black)
 - Pocket Flaps: 3/8"
 - Cuff Tabs: 5/8"

GENERAL DESIGN:

The jacket designed to be Hip length and Waterproof by design with drop shoulders. Further features are Equipment strap epaulets, Zippered side vents, Front zipper with double outside storm flies, Hook and loop adjustable elasticized cuff, Sleeve pockets, and Double entry mesh pocket bags with slanted front zipper pocket opening and hidden zipper opening at the stormfly. There shall be a contrasting illumiNITE™ fabric safety package; Optional liner sold separately.

SLEEVES:

The sleeves shall be 2-piece drop shoulder design with elasticized cuff. There shall be a patch of the illumiNITE™ shell fabric on the top sleeve extending from the shoulder to the elbow and lining up with the front and back yokes. To provide access to the shell for sewing on emblems on sleeves without damaging the waterproof-breathable permanent lining, the patch shall have a zipper placed vertically on the front side to form a pocket. There shall be a patch of the illumiNITE™ shell fabric on the undersleeve extending from the elbow to the cuff. The elbow area shall have one dart to give shape to the arm. The cuff shall be constructed of one ply of the illumiNITE™ shell fabric, folded over, and be elasticized on the entire underside and have a tab for adjustment. The top side shall be reinforced with interlining. The 1-1/2" wide elastic shall be sewn in with 2 rows of topstitching. The cuff tab shall be 2-1/2" long by 1-1/2" wide and sewn into the underarm seam. There shall be a 2" by 5/8" piece of hook sewn to the underside of the tab to fasten to a 5" by 5/8" piece of loop sewn to the top cuff band

COLLAR:

The sport collar shall be made of three plies of shell fabric and one ply of the illumiNITE™ shell fabric.

The top collar only shall be the illumiNITE™ shell fabric while there shall be a collar under placket (neck guard) at neck extending from the top of the collar and shall measure 6" in length inserted under zipper. The collar under placket (neck guard) shall be constructed of two plies of illumiNITE™ shell fabric and one ply of waterproof gore fabric. There shall be a set of male snaps set into the under collar 3/4" from the edge of the storm fly and 1" down from the edge of the collar. The complementing female snaps shall be set through and through the illumiNITE™ layer so that the collar will be held down when unzipped. A Hanging Loop shall be inserted in the center back neck.

EPAULETS/ SHOULDER STRAP:

The permanent shoulder straps shall be 2-1/4" wide. The ends of the shoulder straps shall be sewn into the sleeve joining seam and the collar-joining seam. Shoulder straps shall be constructed of two plies of the illumiNITE™ shell fabric and one ply of interlining. Shoulder straps shall be topstitched along the periphery with a 1/8" gauge and securely bartacked on all four openings leaving a 3-1/2" opening in the center for the user to clip on an external microphone or other equipment.

POCKETS:

There shall be two double entry pockets bags that shall be constructed of three plies of mesh fabric and shall measure 11-1/2" high, 8 1/2" wide at the bottom and 4-1/2" wide at the top. The pocket bags can be accessed by the two front pockets and by the two hidden zippered pockets at the front stormflies. The front pockets shall have 2-1/2" wide angled flaps covering a zipper 3/8" by 12" loop sewn to jacket front for securing flaps. There shall be a keyhole buttonhole placed on underside of flap placed approximately in the center of flap. The sliders on the front pocket zippers shall have a pull cord attached. The hidden pockets at the front stormflies shall have a zipper opening set at the front zipper edge. The pockets shall have a 1/2" ribbon loop folded to finish at 1-1/2" inserted into the top pocket bag seam at the edge of the opening.

SIDE VENTS:

The zippered side vent openings shall be on each side, measure 11", and have an elasticized snap tab set in the bottom hem on the back of the jacket. Zippers shall be set first to the shell, then the waterproof-breathable permanent lining. The jacket shall then be turned and the zipper shall be topstitched through and through with a 1/4" gauge. Each elasticized side tab measures 3-1/2" long by 1" wide, with male snap at the end of the tab while the female portion of the snap shall be through and through the back waistband at 2" from side seam to match up with the position of the male on the tab to hold the tab out of the way when not in use. Another female snap portion shall be set through the front waistband at 1" from side seam to secure the front and back of the jacket when the side vent zipper is open.

BOTTOM:

A Drawcord is inserted into wearer's right side of back panel and extends out wearer's left side of back panel. Two eyelets for drawcord thru' are spaced 1" apart are set to the inside of hem on wearer's left side; placed 2" and 3" from side seam. Drawcord has cordlock for adjustment.

Cordlock is held in place with loop of 1/4" grosgrain ribbon tape; excess elastic cording is held in place with grosgrain loop tab & 1-snap closure with finished measures 1/2" W x 2" L. There is no stitching to be visible on outside of garment, stitched in place to inside lining; stitching placement is 2-1/2" up from bottom edge.

INTERLINING:

The following parts shall be interlined: collar, epaulets, pocket flap, and stormflaps.

FACINGS:

A 'triangle' zipper garage at neckline measures 2-3/4" (across collar) x 4-1/2" (down front), constructed of 2-plys of shell fabric. The hem facings shall be 1-1/4" wide and constructed of one ply of shell fabric.

YOKE:

Front yokes shall be constructed of one ply of shell fabric and one ply of the illumiNITE™ shell fabric on top.

Top back yoke shall be constructed of one ply of shell fabric and one ply of the illumiNITE™ shell fabric on top.

There shall also be a bottom band of illumiNITE™ shell fabric sewn on top of shell fabric around the entire jacket

FRONTS:

There shall be top and under storm flaps both covering the front zipper. The top storm flap shall be constructed of two plies of shell fabric, one ply of the illumiNITE™ shell fabric on the top, and one ply of interlining. The under stormflap shall be constructed of two plies of shell fabric and one ply of the illumiNITE™ shell fabric on the top. The top and under stormflaps shall measure 1-3/4" wide; have six snap fasteners for closure; and shall extend to the bottom hem of the coat and to the top of the collar. The under stormflap shall be folded up a 3/8" and secured with seven bartacks to form a gutter. The female snaps shall be set to the top storm flap through the bottom ply of material and one ply of interlining only so they are not exposed on the front of the jacket. The male snaps shall be set through all layers of the under storm flap. The top snap shall be set 1-1/2" from the top of the storm flap, the second snap shall be set 3" from the top snap center to center, the bottom snap shall be set approximately 1-1/2" from the bottom of the storm flap, the remaining snaps shall be evenly spaced. The storm flaps shall be stitched, turned, edge stitched and set into a front seam approximately 3/4" from the front edge on either side. The slider on the front zipper shall have a pull (tab) attached.

SEAM STITCHING:

All stitching shall be even and uniform per the standard sample while all seams on the shell and permanent waterproof breathable lining shall be single needle lock stitch construction. Joining seams on the removable insulated liner shall be 5-thread safety stitch construction, back tacks on seams shall be a minimum of 3/8" long and seams 10 to 12 stitches per inch and free from puckering, pleats, runoffs and raw edges.

SEAM WATERPROOFING:

All seams and stitching through the permanent waterproof breathable lining shall be waterproof seam taped with the specified seam tape and applied by hot air methods; not be affected by weather, temperature or storage. The taped seams shall be tested for waterproofing in

accordance with Federal Test Std. #191A, Method #5516 when new and after 10 wash/dry cycles and dry cleanings; no appearance of water in the test area at 2 PSI for a period of 3 minutes.

BADGE TAB:

Is sewn to the left breast consisting of 2 plies of shell fabric measuring with 2 sewn reese eyelets that measures 1" wide by 2-1/2" tall with eyelet spacing of 1-3/8".

LINER ATTACHMENT TABS:

A Grosgrain ribbon tabs placed at inside center back neck and at inside sleeves at cuff seam. A Center back tab measure 1/2" wide by 2-1/2" long with plastic baby snaps set 1/2" from end of tab and 1-3/8" apart. Sleeve tabs measure 1/2" wide by 2" long with plastic baby snaps set 1/2" from end of tab and 1-1/8" apart.

REFLECTIVE LETTER ON BACK:

2 Lines of Highly Reflective Silver lettering on back of jacket.
Line 1: LSU 3" high x 7" wide; Line 2: POLICE 3.5" high x 10" wide
Overall Size: 7" high x 10" wide

EMBLEMS:

Department Emblems to be sewn on each sleeve and not to puncture Gore-tex lining.

SIZES:

Permanent size marking giving size to be located inside of collar.

CARE LABEL:

Care instructions to be located behind size label.

PRESSING & FINISHING:

Jacket shall be carefully pressed by hand in a first class manner. All loose threads to be thoroughly trimmed.

UNISEX SIZING:

Short: XS - L
Regular: XS - 5XL
Tall: M - 5XL

MEASUREMENTS

Regular length: Size: L

- | | | |
|-------------------------|----------------------------|-----------------------------|
| a. Chest: | 55 | (plus or minus 0.75 inches) |
| b. Sleeve from CB Neck: | 36.5 | (plus or minus 0.5 inches) |
| c. Back Length: | | 24.5 |
| | (plus or minus 0.5 inches) | |

**LOUISIANA STATE UNIVERSITY POLICE DEPARTMENT
BLAUER SPECIFICATIONS
160 B.WARM® FLEECE-LINED KNIT SKULL CAP
COLOR: BLACK (11)
DATE: JUNE 15, 2016**

GENERAL:

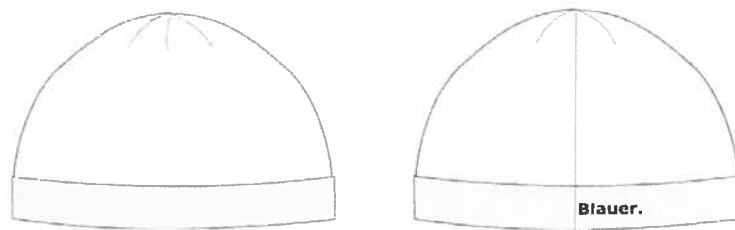
All garment details not specifically described herein; tailoring, styling, construction, materials, and components must match the standard reference sample on file with the agency. Written specifications attempt to describe key requirements of a 3D garment and cannot do so adequately and therefore silence of the specifications does not absolve bidders from matching with precision the standard reference sample.

Pre-bid samples will be required at the time of the bid opening. Samples may be subjected to laboratory testing at the discretion of the contracting officer. Bidders are responsible for all testing costs of their sample garments.

Bidders must enclose evidence (dated manufacturers catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days for agency approval.

Garments must be manufactured to ISO 9001 quality assurance standard. A copy of the certificate registration will be required with the bid.

Specification based on Size Regular.



FABRIC:

Shell: 2 Layers, Acrylic/wool blend yarn for knit fabric and laminated to a polyester micro fleece on the inside. Machine washable and dryable.

Band: Polyester/Lycra blend with colorfastness and 20% stretch.

BODY:

The body shall be made up of one (1) panel with four (4) fitting darts evenly spaced, sewn together with a safety stitch to form a dome. Overlocked all cut edges.

BAND:

The band shall clean finished bottom opening edge and wrap around to the inside of the Cap. Overlocked inside band edge and chain-stitched.

THREAD:

All thread shall be polyester wrapped on monofilament polyester. Color to match.

STITCHING:

All stitching conforms to Federal Standard 751 specifications (FED-STD-751). All stitch types are sewn at stitch per inch (S.P.I.) rates individually set by operation at no less than 10 S.P.I. and not more than 12 S.P.I. to insure extended sewn wear life. All thread tension is evenly maintained to eliminate right or loose stitching. All seam allowances are to be maintained so that there are no raw edges, run offs, twist, pleats, puckers or open seams.

EMBROIDERED LETTERING:

Embroider "POLICE" on band of skull cap. Size of "POLICE" approx 1" high X 4" wide. Thread color of "POLICE" is Madiera #1624 Gold.

SIZES:

Permanent size marking to be located inside center back seam.

CARE LABEL:

Care instructions to be located inside center back seam.

PRESSING & FINISHING:

Hat shall be carefully pressed by hand in a first class manner. All loose threads to be thoroughly trimmed.

STANDARD SIZE RANGE:

Unisex: Regular and Oversize

MEASUREMENTS:

Unisex: Size Regular:

Circumference (Relaxed):	20.5	(plus or minus 0.125 inches)
Circumference (Stretched):	24	(plus or minus 0.125 inches)

MEN'S TROUSER SPECIFICATIONS

FABRIC:

Content: 75% Polyester/25% Wool

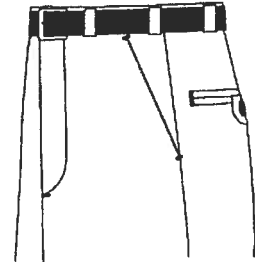
Weight: 12 oz. per linear yard

Weave: Serge

Color: Black with 1 inch Heather Gray stripe (must be an exact match of uniform shirt) on each pant leg

STYLE:

Trouser shall be manufactured from an up-to-date men's uniform trouser pattern. The trouser styling shall be T-1: plain front, two (2) quarter top front pockets, and two (2) hip pockets professionally finished with no visible topstitching. Work wear industrial style construction is unacceptable and shall be cause for rejection.

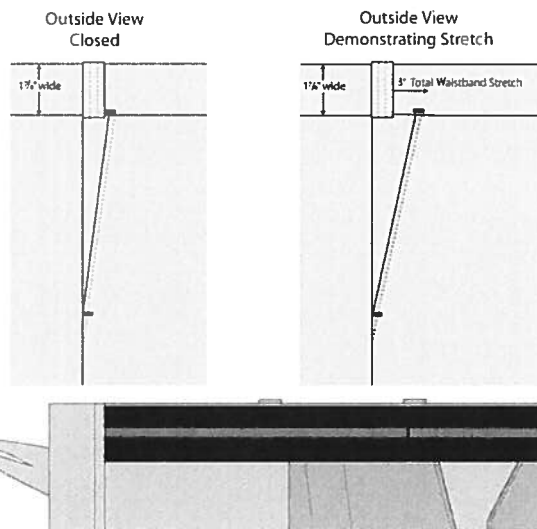


LINING MATERIAL:

The pocketing and fly lining material shall be 70% Polyester / 30% Cotton, 2.9 oz. per square yard (60" width) with a minimum 78 x 48 count. Pocketing must have a durable press finish and the color of the pocketing must be black.

FREEDOM-FLEX WAISTBAND SYSTEM:

Trouser shall be made with a special Freedom-Flex Waistband System that will allow the wearer waist expansion of 2 1/2" to 3". The waistband shall measure a minimum of 1-7/8" wide when finished. The flexible expansion split portion of the waistband shall be to the front of the trouser side seam and there shall be a 3/4-inch wide side belt loop positioned to "hide" the expansion split of the waistband.



The waistband curtain shall consist of two different styles for maximum waistband expansion to enhance wearer comfort, fit, and appearance. The front of the trouser (to the expansion split) waistband curtain style shall consist of a 2-inch wide elastic section that incorporates Tru-Grip, a 1/2" surface area composed of thin 55 gauge rubber for maximum comfort and performance. The Tru-Grip acts to help keep shirts tucked in securely. (Use of a single silicone strip or strips instead of 1/2" wide rubberized surface area shall be cause for rejection.)

The back half of the trouser waistband curtain shall finish a minimum 2-1/8" wide and is to be made of black pocketing material and shall be attached to the top of the trouser with a zigzag stitch. The waistband curtain must also contain Tru-Grip and will line up with the Tru-Grip on the front of the expansion split. (Substitution of a silicone strip or strips in place of Tru-Grip shall not be acceptable and shall be cause for rejection.)

The waistband curtain is composed of a wet laid non-woven canvas weighing 3.3 oz. per square yard. The canvas is covered in the same color and material as the pocketing. The 1/2" rubberized surface area is positioned 1-1/4" up from the bottom of the curtain.

The specifications for the rubberized Tru-Grip curtain are as follows:

Width: 1-1/8-inch

Warp: 300 Denier Texturized Polyester

Filling: 300 Denier Texturized Polyester

Rubber: 55 Gauge

Count: 32-36 yarns per inch

Contents: 59% Polyester/41% Rubber

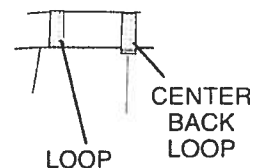
To complete the Freedom-Flex Waistband System, there shall be a 1-1/4" wide elastic component sewn into the back half of the waistband curtain to allow for the stretch and recovery of the waistband to comfortably fit the wearer's waist size. There shall be a bartack for strength and durability sewn at the stress point on the waistband where it joins the front elasticized waistband curtain joining stitching (positioned, on the waistband above the front pocket.)

The waistband closure shall be accomplished with one crush proof hook and eye centered on the waistband for wearer comfort. The hook and eye shall be reinforced with a 7/8" non-woven tape that is anchored with topstitching through and through to the top of the waistband (bartacks in place of topstitching shall be cause for rejection). In addition to the stitching of the waistband when it is set onto the trouser, the waistband must also be topstitched below the waistband seam of the trouser to be finished to allow for alterations (with ample fabric and curtain material to allow trouser size to be increased at least one size). The outlet in the seat is to be proportional to the waist outlet so the seat may also be let out. Seat seam must be sewn with a tandem needle machine (double-needle stitch) for maximum stretch.

BELT LOOPS:

There shall be a minimum of seven belt loops 3/4" in width of double thickness. Each loop must have a non-woven interlining for added durability. All loops (except back center) must be sewn into the top and bottom of the waistband ("dropped" belt loops that are tacked to the outside of the trouser all around waist shall be cause for rejection). The top of the belt loops (except back center) shall be sewn into the waistband curtain seam with a Rocap machine using a zigzag stitch. The bottom of the center back loop shall be tacked to the trouser and the top of the loop tacked to the outside of the waistband to allow for easier waist alteration.

BELT LOOP



FLY:



"J" STITCH

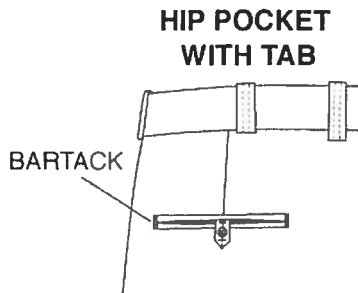
Trouser shall have a brass metal zipper with memory lock brass slider secured by metal stopper at base. There shall be a French Fly tab closure on the inside of the right fly. The tab shall be double ply made of the basic trouser fabric (tabs made of pocketing material or a "grown on" French Fly will be cause for rejection). The right fly shall be lined with the same material and color as the pocketing. The fly lining shall be sewn to the left fly continuing below the zipper into the crotch area in a neat and durable manner. A button shall be located on the left fly corresponding with the French Fly tab to provide a clean and comfortable closure. Topstitching of fly to be installed with automatic "J" stitch equipment eliminating puckering and providing a clean finish.

There shall be a firm straight bartack at the bottom of the fly going through the zipper tape for maximum strength. Bartack shall line up with starting point of "J" stitch.

POCKETS:

The two (2) front pockets will be quarter top style with a minimum opening of 7" and a minimum depth of 5-3/4" measured from the bottom of the opening. Front pockets to have firm straight bartacks at top and bottom of pocket openings. Pockets shall be constructed using the stitch, turn, and topstitch method. Front pocket facing and barrier to be made of the basic trouser fabric. Facing shall be a minimum of 1" and barrier shall measure a minimum of 2" (measured to the inside edge of pocket lining).

The two (2) hip pockets shall have a minimum 5-3/8" wide (bartack to bartack) opening and a minimum depth of 5-3/4 " measured from the bottom of the pocket opening. Hip pockets shall be constructed using



the double welt method on an automatic welt machine. The welts shall be finished in such a manner that there is no topstitching (topstitched hip pockets shall be cause for rejection). The corners of the hip pocket openings shall have straight bartacks for reinforcement (use of triangular bartacks shall be cause for rejection). Hip pocket facing and barrier are to be made of basic trouser fabric. Facing shall be a minimum of 3/4" and the barrier shall be a minimum of 1-1/2". The left hip pocket shall have a centered tab made of basic cloth inserted into the top welt with bartacks at the top and bottom of the tab to form an opening for a button. A button shall be located below the bottom welt corresponding in location with the

tab, which shall be interlined with non-woven for added durability. There shall be a dart centered above each hip pocket to waistband. Dart shall be approximately 2-3/4" long tapered from 3/8" at waistband and shall be installed with automatic equipment for a clean non-puckered finish.

The watch pocket shall be located on the right front at the waistband. This pocket shall have a minimum opening of 2-5/8" and a minimum depth of 2-7/8". The front of the pocket shall be made of pocketing fabric and the back of the pocket shall be made of basic fabric and the two pieces are securely stitched together. Each corner of the pocket opening shall have firm straight bartacks.

SEAT:

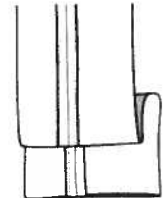
Seat must be sewn with a Tandem Needle Machine (double-needle stitch) for maximum durability.

CREASES:

The leg creases, front and back will have a silicone bead put in by using the Lintrak process.

STITCHING, PRESSING & FINISHING:

Trouser must be stitched with matching thread. Trouser must be neatly pressed on Hothhead Presses and properly shaped. Outseams and inseams are edge serged on automatic equipment for uniformity of quality and shall be pressed open for a smooth pucker-free finish with repeated cleaning and pressing. Trouser must be cleaned and finished to eliminate loose threads.



PRESSED
OPEN

STOCK SIZES:

Trouser must be available from stock in the following sizes:

SHORT RISE: 28 - 42 (EVEN ONLY)
REGULAR RISE: 28 - 60 (EVEN ONLY OVER 38)
LONG RISE: 32 - 48 (EVEN ONLY)

LABELS:

Trouser must have a permanent label providing care instructions and small woven label indicating waist size. A removable paper ticket showing the size, fabric content, cut number, and WPL or RN number must be on the outside of the waistband. Ticket to be matchbook style installed with plastic staples for easy removal without damaging trouser material and showing size when trousers are stacked.

HEM LENGTH:

Pants to be hemmed to specific lengths.

WOMEN'S TROUSER SPECIFICATIONS

FABRIC:

Content: 75% Polyester/25% Wool

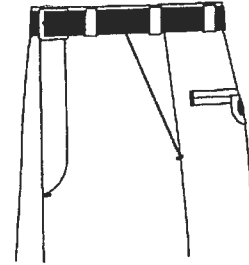
Weight: 12 oz. per linear yard

Weave: Serge

Color: Black with 1 inch Heather Gray (must be an exact match of Uniform Shirt) stripe on each pant leg.

STYLE:

Garment shall be manufactured from an up-to-date women's pattern for comfort and easier sizing. The trouser styling shall be T-1: plain front, two (2) quarter top front pockets, and two (2) hip pockets professionally finished with no visible topstitching. Work wear industrial style construction is unacceptable and shall be cause for rejection.



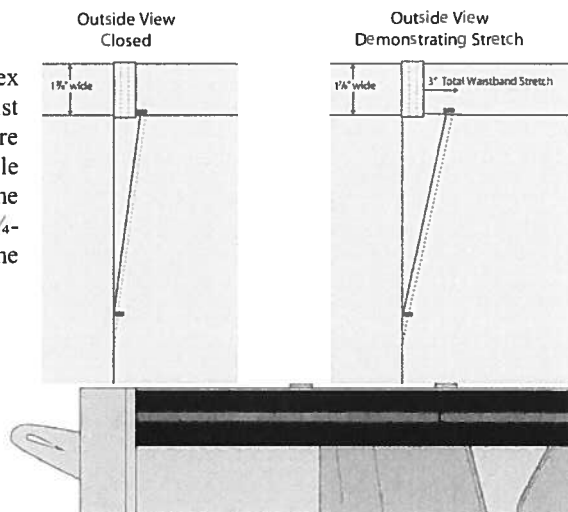
LINING MATERIAL:

The pocketing and fly lining material shall be 70% Polyester / 30% Cotton, 2.9 oz. per square yard (60" width) with a minimum 78 x 48 count. Pocketing must have a durable press finish and the color of the pocketing must be black.

FREEDOM-FLEX WAISTBAND SYSTEM:

Trouser shall be made with a special Freedom-Flex Waistband System that will allow the wearer waist expansion of 2 1/2" to 3". The waistband shall measure a minimum of 1-7/8" wide when finished. The flexible expansion split portion of the waistband shall be to the front of the trouser side seam and there shall be a 3/4-inch wide side belt loop positioned to "hide" the expansion split of the waistband.

The waistband curtain shall consist of two different styles for maximum waistband expansion to enhance wearer comfort, fit, and appearance. The front of the trouser (to the expansion split) waistband curtain style shall consist of a 2-inch wide elastic section that incorporates Tru-Grip, a 1/2" surface area composed of thin 55 gauge rubber for maximum comfort and performance. The Tru-Grip acts to help keep shirts tucked in securely. (Use of a single silicone strip or strips instead of 1/2" wide rubberized surface area shall be cause for rejection.)



The back half of the trouser waistband curtain shall finish a minimum 2-1/8" wide and is to be made of black pocketing material and shall be attached to the top of the trouser with a zigzag stitch. The waistband curtain must also contain Tru-Grip and will line up with the Tru-Grip on the front of the expansion split. (Substitution of a silicone strip or strips in place of Tru-Grip shall not be acceptable and shall be cause for rejection.)

The waistband curtain is composed of a wet laid non-woven canvas weighing 3.3 oz. per square yard. The canvas is covered in the same color and material as the pocketing. The 1/2" rubberized surface area is positioned 1-1/4" up from the bottom of the curtain.

The specifications for the rubberized Tru-Grip curtain are as follows:

Width: 1-1/8-inch

Warp: 300 Denier Texturized Polyester

Filling: 300 Denier Texturized Polyester

Rubber: 55 Gauge

Count: 32-36 yarns per inch

Contents: 59% Polyester/41% Rubber

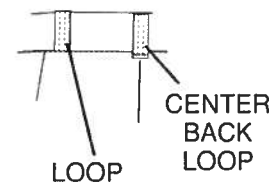
To complete the Freedom-Flex Waistband System, there shall be a 1-1/4" wide elastic component sewn into the back half of the waistband curtain to allow for the stretch and recovery of the waistband to comfortably fit the wearer's waist size. There shall be a bartack for strength and durability sewn at the stress point on the waistband where it joins the front elasticized waistband curtain joining stitching (positioned, on the waistband above the front pocket.)

The waistband closure shall be accomplished with one crush proof hook and eye centered on the waistband for wearer comfort. The hook and eye shall be reinforced with a 7/8" non-woven tape that is anchored with topstitching through and through to the top of the waistband (bartacks in place of topstitching shall be cause for rejection). In addition to the stitching of the waistband when it is set onto the trouser, the waistband must also be topstitched below the waistband seam of the trouser to be finished to allow for alterations (with ample fabric and curtain material to allow trouser size to be increased at least one size). The outlet in the seat is to be proportional to the waist outlet so the seat may also be let out. Seat seam must be sewn with a tandem needle machine (double-needle stitch) for maximum stretch.

BELT LOOPS:

There shall be a minimum of seven belt loops 3/4" in width of double thickness. Each loop must have a non-woven interlining for added durability. All loops (except back center) must be sewn into the top and bottom of the waistband ("dropped" belt loops that are tacked to the outside of the trouser all around waist shall be cause for rejection). The top of the belt loops (except back center) shall be sewn into the waistband curtain seam with a Rocap machine using a zigzag stitch. The bottom of the center back loop shall be tacked to the trouser and the top of the loop tacked to the outside of the waistband to allow for easier waist alteration.

BELT LOOP



FLY:



"J" STITCH

Trouser shall have a brass metal zipper with memory lock brass slider secured by metal stopper at base. There shall be a French Fly tab closure on the inside of the right fly. The tab shall be double ply made of the basic trouser fabric (tabs made of pocketing material or a "grown on" French Fly will be cause for rejection). The right fly shall be lined with the same material and color as the pocketing. The fly lining shall be sewn to the left fly continuing below the zipper into the crotch area in a neat and durable manner. A button shall be located on the left fly corresponding with the French Fly tab to provide a clean and comfortable closure. Topstitching of fly to be installed with automatic "J" stitch equipment eliminating puckering and providing a clean finish.

There shall be a firm straight bartack at the bottom of the fly going through the zipper tape for maximum strength. Bartack shall line up with starting point of "J" stitch.

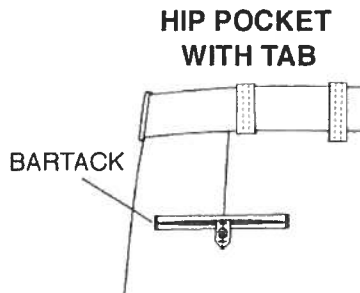
SEAT:

Seat must be sewn with a Tandem Needle Machine (double-needle stitch) for maximum durability.

POCKETS:

The two (2) front pockets will be quarter top style with a minimum opening of 6" and a minimum depth of 4-1/2" measured from the bottom of the opening. Front pockets to have firm straight bartacks at bottom of pocket openings. Pockets shall be constructed using the stitch, turn, and topstitch method. Front pocket facing and barrier to be made of the basic trouser fabric. Facing shall be a minimum of 1" and barrier shall measure a minimum of 2" (measured to the inside edge of pocket lining).

The two (2) hip pockets shall have a minimum 5-3/8" wide (bartack to bartack) opening and a minimum depth of 5-3/4" measured from the bottom of the pocket opening. Hip pockets shall be constructed using



the double welt method on an automatic welt machine. The welts shall be finished in such a manner that there is no topstitching (topstitched hip pockets shall be cause for rejection). The corners of the hip pocket openings shall have straight bartacks for reinforcement (use of triangular bartacks shall be cause for rejection). Hip pocket facing and barrier to be made of basic trouser fabric. Facing shall be a minimum of 3/4" and the barrier shall be a minimum of 1-1/2". The left hip pocket shall have a centered tab made of basic cloth inserted into the top welt with bartacks at the top and bottom of the tab to form an opening for a button. A button shall be located below the bottom welt corresponding in location with the

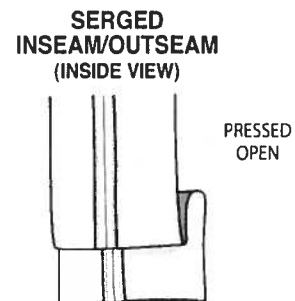
tab, which shall be interlined with non-woven for added durability. There shall be a dart centered above each hip pocket to waistband. Dart shall be approximately 2-3/4" long tapered from 3/8" at waistband and shall be installed with automatic equipment for a clean non-puckered finish.

CREASES:

The leg creases, front and back will have a silicone bead put in by using the Lintrak process.

STITCHING, PRESSING & FINISHING:

Trouser must be stitched with matching thread. Trouser must be neatly pressed on Hothead Presses and properly shaped. Outseams and inseams are edge serged on automatic equipment for uniformity of quality and shall be pressed open for a smooth pucker-free finish with repeated cleaning and pressing. Trouser must be cleaned and finished to eliminate loose threads.



STOCK SIZES:

Trouser must be available from stock in the following sizes:

SHORT RISE:	4 - 14 (EVEN ONLY)
REGULAR RISE:	2 - 26 (EVEN ONLY)

LABELS:

Trouser must have a permanent label providing care instructions and small woven label indicating waist size. A removable paper ticket showing the size, fabric content, cut number, and WPL or RN number must be on the outside of the waistband. Ticket to be matchbook style installed with plastic staples for easy removal without damaging trouser material and showing size when trousers are stacked.

HEM LENGTH:

Pants to be hemmed to specific lengths.

MEN'S SHIRT SPECIFICATIONS
Flying Cross by Fechheimer Item: F1 FX5120

FABRIC:

Content: 65% Polyester / 35% Cotton with Repel Finish

Weight: 5.0 oz. / square yard

Weave: Mini Ripstop

Available Colors:

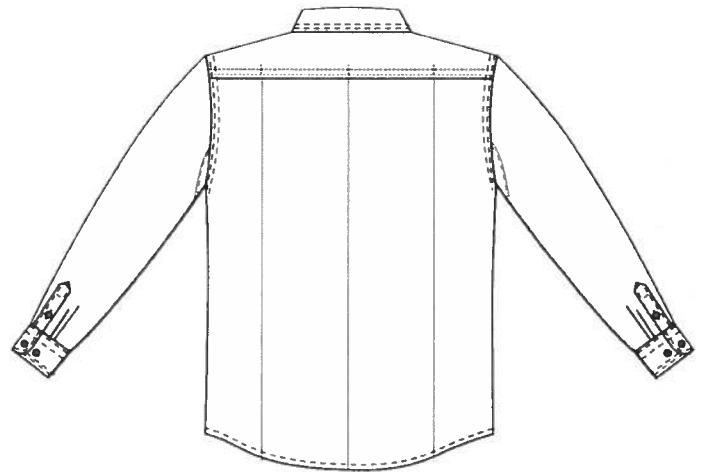
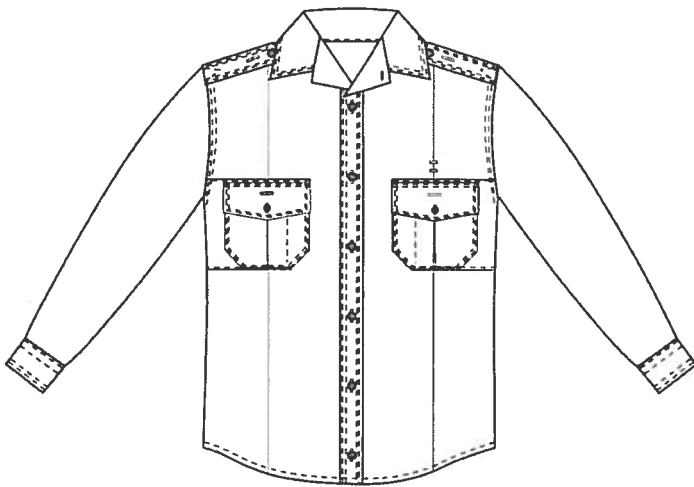
Silvertan (F1 FX5120 04)

Black (F1 FX5120 10)

O.D. Green (F1 FX5120 27)

Navy Blue (F1 FX5120 86)

Brown (F1 FX5120 94)



STYLE:

To be Flying Cross Model F1 FX5120. Dress style, top center placket front, knit underarm gussets, full cut tapered fit, Convertible sport, collar, long sleeves with barrel cuffs and dress shirttail. Two front map pockets with Velcro closure and inverted pleated breast pockets with topstitched pointed flaps. Topstitched shoulder straps. Full badge reinforcement. Wire Pass-through openings. Inside yoke lined with nylon mesh fabric. Back yoke to be 1/8" double needle topstitched. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

COLLAR:

Convertible collar shall be one piece. Collar points to measure 2-1/2" long with ultrasonically fused-in Mylar stays. Collar stays are positioned along the leading edge of the collar. Collar to have woven interlining of #250 Dacron. Stays to be 2" long, 3/8" minimum width, and to be fused to underside of collar interlining. Stays applied directly to collar material itself unacceptable. Collar is 1/8" Double Needle topstitched. Collar material itself (top or underside) shall have no fusing to Mylar stays or collar interlining.

FRONT:

Each front shall have a facing approximately 3" in width. The left front shall have a top center placket 1-1/2" wide with two double rows of stitching. Stitching on top center is not to be visible on the turn-back facing. The shirt will have 7 buttons and buttonholes on the front; spacing between each will be 3-3/4" except the spacing between the neck button and the first button on the front, which will be approximately 2 1/2". Top center placket to have woven interlining of #250 Dacron. Non-woven interlining unacceptable and shall be cause for rejection. The fronts shall be joined to the yoke so that both raw edges of the yoke are turned under, with the front sandwiched between, and then all three are stitched down with a 1/8" double needle stitch. Safety stitch joining unacceptable. A 15" nylon zipper, to be set below the second button and buttonhole, shall accomplish front closure. The top, second and bottom buttons to be attached to the right front, the balance to be sewn over the buttonholes on the left front.

VENTED BACK YOKE:

Vented, two-ply back yoke constructed of self goods and Nylon Mesh trim. Vents are constructed with one vertical bartack at the center back with two vertical bar-tacks equal distance from the center and spaced proportionally to the size of the shirt. Vents are open in the center and stitched closed from outer vertical bar-tacks to armhole.

SHOULDER STRAPS:

Shoulder straps to be two-piece pointed, 1/8" double needle topstitched and to be set on yoke with leading topstitch conforming with front joining seam. To measure 2" at sleeve tapering to 1-3/8" and set not more than 1/2" from collar set seam. Cross-stitched approximately 2" from sleeve seam. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

BADGE REINFORCEMENT:

Two-ply sling 1" wide centered over left pocket and stitched to shoulder seam and flap setting stitch. It shall have 2 (two) buttonhole eyelets 1-1/4" from top of pocket flap spaced 1-1/4" apart and centered on sling.

LOOSE MICROPHONE AND CAMERA TAB:

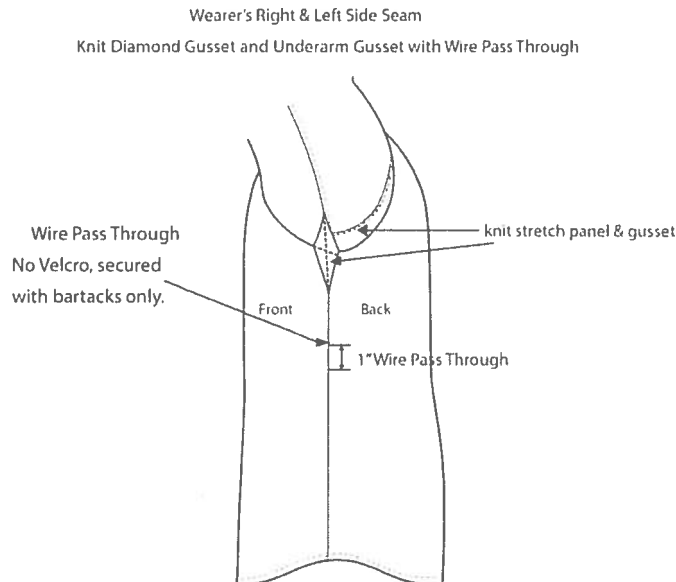
Each shirt shall have a loose microphone and camera tab included that may be installed by the user if needed.

WIRE PASS THROUGH OPENINGS:

Each front shall have an 11/16" horizontal buttonhole to be centered vertically and horizontally between the top of the pocket and the bottom of the open flap.

Each shoulder shall have an 11/16" horizontal buttonhole to be centered under the shoulder straps and sewn through the shoulder of the shirt.

UNDERARM GUSSET WITH WIRE PASS THROUGH:



MAP POCKETS:

Each front shall be constructed with a map pocket design which is sewn to the shirt front with Velcro opening on each pocket near the top center placket. Map pockets extend into the sleeving seam and side body seams.

POCKETS:

Two breast patch pockets with mitered corners and 1-1/2" inverted pleats to be sewn over the map pockets. Pleats shall be stitched approximately 1" from top and bottom of pocket. Pocket to measure 5-5/8" wide, 6" deep. Both breast pockets to have 1- 1/2" pencil stitch and to be set to the map pockets with 1/8" double needle stitching. Each pocket to have hook Velcro, 1" long by 1" wide, positioned on both edges of pocket to correspond with outer pointed flap edges as specified.

FLAPS:

Two piece pointed design to measure 5-7/8" across and 2-1/2" in depth at center point, 1-1/2" at sides. Secured to shirtfront approximately 3/8" above pocket. Each flap to have invisible pencil opening 1-1/2" to correspond precisely with pencil slot of pocket. (Stop & start stitching for pencil opening unacceptable and shall be cause for rejection.) Flaps to be 1/8" double needle topstitched. Flaps to have woven interlining of #250 Dacron. Creased and edge stitched pocket flap construction unacceptable. Under side of the flap to have looped Velcro 1" long by 1" wide stitched all sides, positioned on outer points of both pocket flaps to secure with corresponding Velcro strips on shirt pocket. Each flap shall have a button centered on uncut sewn buttonhole.

SLEEVES:

Sleeve vent shall be a minimum of 4-1/2" long with one-piece top and bottom facings. Facing to measure 1-1/8" wide point blocked at top.

CUFFS:

Two piece 1/2-inch hemmed cuff with 1/8" double needle topstitching. Cuffs to measure 3" in depth with rounded corners (barrel cuffs). Cuffs to be two button adjustable with one button and buttonhole in center of facing. Cuffs to have woven interlining of #250 Dacron.

BUTTONS:

First grade 22-ligne melamine.

SEWING:

Collar, shoulder straps, cuffs and pocket flaps to be topstitched with 1/8" double needle stitching. Sleeve inserting is with 1/8" double needle seams. Side close felling seams are to be safety stitched.

THREAD:

All sewing threads to be color fast polyester wrap to match.

INTERLININGS:

Collar, Pocket flaps, Cuffs, Shoulder straps and top center to be interlined with #250 Dacron.

MILITARY CREASES:

There shall be five sharp silicone military creases on all shirts. One crease on each front to be centered vertically. Front creases shall not be through pockets and flaps. Spacing for three military creases across shirt back to be proportionate to the size of the shirt.

CONSTRUCTION:

Collar, cuffs, flaps and shoulder straps are made with conventional construction. Top ply, bottom ply and interlining are first stitched together, then turned right side out and finally topstitched.

STOCK SIZES:

Shirts must be available in the following sizes:

ALPHA BODY	SLEEVE LENGTHS
SMALL	30/31, 32/33, 34/35
MEDIUM THROUGH XLARGE	30/31, 32/33, 34/35, 36/37, 38/39
2XL THROUGH 5XL	32/33, 34/35, 36/37, 38/39

Female Style will be F1 FX5120W

FABRIC:

Content: 65% Polyester / 35% Cotton with Repel Finish

Weight: 5.0 oz. / square yard

Weave: Mini Ripstop

Available Colors:

Silvertan (F1 FX5120 04)

Black (F1 FX5120 10)

O.D. Green (F1 FX5120 27)

Navy Blue (F1 FX5120 86)

Brown (F1 FX5120 94)

Female shirts shall be constructed the same as the male shirts but cut on female patterns.

STOCK SIZES:

Shirts must be available in the following sizes:

Bust Sizes 30-52

Long Sleeve Lengths:

30, 32, 34	Regular = 30"	Long = 31"
36, 38	Regular = 31"	Long = 32"
40, 42	Regular = 32"	Long = 33"
44, 46	Regular = 33"	Long = 34"
48 & Up	Regular = 34"	Long = 35"

MEN'S SHIRT SPECIFICATIONS
Flying Cross by Fechheimer Item: F1 FX5100

FABRIC:

Content: 65% Polyester / 35% Cotton with Repel Finish

Weight: 5.0 oz. / square yard

Weave: Mini Ripstop

Available Colors:

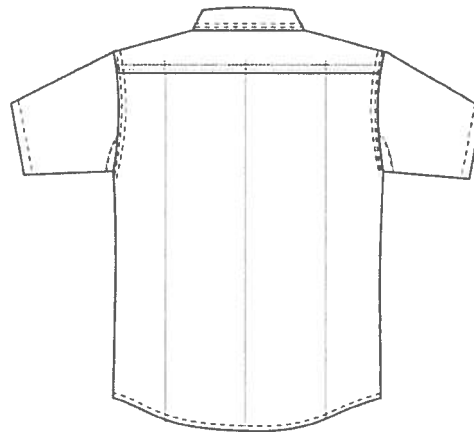
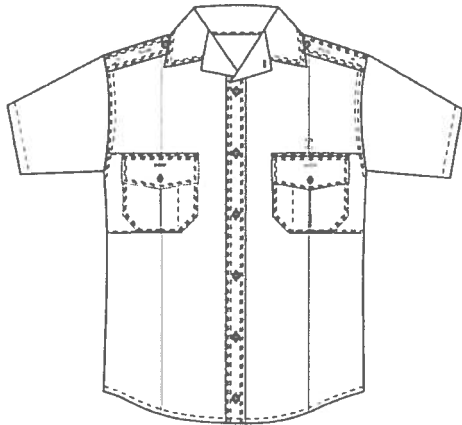
Silvertan (F1 FX5120 04)

Black (F1 FX5120 10)

O.D. Green (F1 FX5120 27)

Navy Blue (F1 FX5120 86)

Brown (F1 FX5120 94)



STYLE:

To be Flying Cross Model F1 FX5100. Dress style, top center placket front, knit underarm gussets, full cut tapered fit, Convertible sport, collar, short sleeves and dress shirrtail. Two front map pockets with Velcro closure and inverted pleated breast pockets with topstitched pointed flaps. Topstitched shoulder straps. Full badge reinforcement. Wire Pass-through openings. Inside yoke lined with nylon mesh fabric. Back yoke to be 1/8" double needle topstitched. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

COLLAR:

Convertible collar shall be one piece. Collar points to measure 2-1/2" long with ultrasonically fused-in Mylar stays. Collar stays are positioned along the leading edge of the collar. Collar to have woven interlining of #250 Dacron. Stays to be 2" long, 3/8" minimum width, and to be fused to underside of collar interlining. Stays applied directly to collar material itself unacceptable. Collar is 1/8" Double Needle topstitched. Collar material itself (top or underside) shall have no fusing to Mylar stays or collar interlining.

FRONT:

Each front shall have a facing approximately 3" in width. The left front shall have a top center placket 1-1/2" wide with two double rows of stitching. Stitching on top center is not to be visible on the turn-back facing. The shirt will have 7 buttons and buttonholes on the front; spacing between each will be 3-3/4" except the spacing between the neck button and the first button on the front, which will be approximately 2 1/2". Top center placket to have woven interlining of #250 Dacron. Non-woven interlining unacceptable and shall be cause for rejection. The fronts shall be joined to the yoke so that both raw edges of the yoke are turned under, with the front sandwiched between, and then all three are stitched down with a 1/8" double needle stitch. Safety stitch joining unacceptable. A 15" nylon zipper, to be set below the second button and buttonhole, shall accomplish front closure. The top, second and bottom buttons to be attached to the right front, the balance to be sewn over the buttonholes on the left front.

VENTED BACK YOKE:

Vented, two-ply back yoke constructed of self goods and Nylon Mesh trim. Vents are constructed with one vertical bartack at the center back with two vertical bar-tacks equal distance from the center and spaced proportionally to the size of the shirt. Vents are open in the center and stitched closed from outer vertical bar-tacks to armhole.

SHOULDER STRAPS:

Shoulder straps to be two-piece pointed, 1/8" double needle topstitched and to be set on yoke with leading topstitch conforming with front joining seam. To measure 2" at sleeve tapering to 1-3/8" and set not more than 1/2" from collar set seam. Cross-stitched approximately 2" from sleeve seam. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

BADGE REINFORCEMENT:

Two-ply sling 1" wide centered over left pocket and stitched to shoulder seam and flap setting stitch. It shall have 2 (two) buttonhole eyelets 1-1/4" from top of pocket flap spaced 1-1/4" apart and centered on sling.

LOOSE MICROPHONE AND CAMERA TAB:

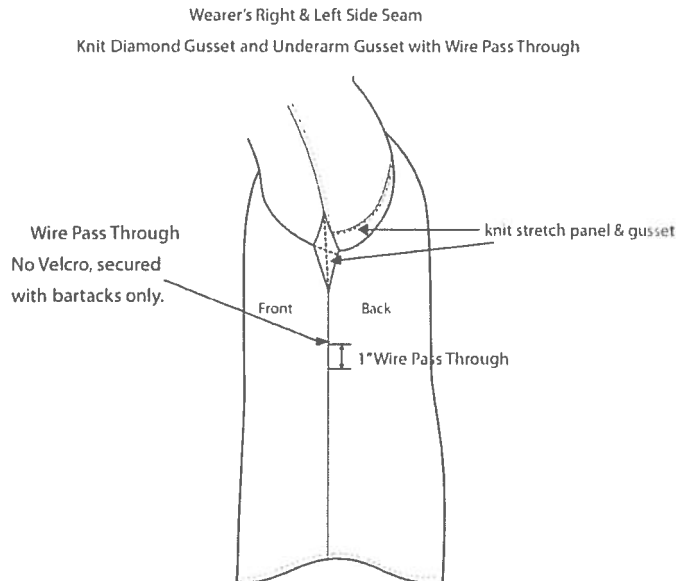
Each shirt shall have a loose microphone and camera tab included that may be installed by the user if needed.

WIRE PASS THROUGH OPENINGS:

Each front shall have an 11/16" horizontal buttonhole to be centered vertically and horizontally between the top of the pocket and the bottom of the open flap.

Each shoulder shall have an 11/16" horizontal buttonhole to be centered under the shoulder straps and sewn through the shoulder of the shirt.

UNDERARM GUSSET WITH WIRE PASS THROUGH:



MAP POCKETS:

Each front shall be constructed with a map pocket design which is sewn to the shirt front with Velcro opening on each pocket near the top center placket. Map pockets extend into the sleeving seam and side body seams.

POCKETS:

Two breast patch pockets with mitered corners and 1-1/2" inverted pleats to be sewn over the map pockets. Pleats shall be stitched approximately 1" from top and bottom of pocket. Pocket to measure 5-5/8" wide, 6" deep. Both breast pockets to have 1- 1/2" pencil stitch and to be set to the map pockets with 1/8" double needle stitching. Each pocket to have hook Velcro, 1" long by 1" wide, positioned on both edges of pocket to correspond with outer pointed flap edges as specified.

FLAPS:

Two piece pointed design to measure 5-7/8" across and 2-1/2" in depth at center point, 1-1/2" at sides. Secured to shirtfront approximately 3/8" above pocket. Each flap to have invisible pencil opening 1-1/2" to correspond precisely with pencil slot of pocket. (Stop & start stitching for pencil opening unacceptable and shall be cause for rejection.) Flaps to be 1/8" double needle topstitched. Flaps to have woven interlining of #250 Dacron. Creased and edge stitched pocket flap construction unacceptable. Under side of the flap to have looped Velcro 1" long by 1" wide stitched all sides, positioned on outer points of both pocket flaps to secure with corresponding Velcro strips on shirt pocket. Each flap shall have a button centered on uncut sewn buttonhole.

SLEEVES:

Sleeve are to be straight and whole and to have a 3/4" hem and to finish at a minimum of 9 1/2" long from shoulder seam.

BUTTONS:

First grade 22-ligne melamine.

SEWING:

Collar, shoulder straps and pocket flaps to be topstitched with 1/8" double needle stitching. Sleeve inserting is with 1/8" double needle seams. Side close felling seams are to be safety stitched.

THREAD:

All sewing threads to be color fast polyester wrap to match.

INTERLININGS:

Collar, Pocket flaps, Shoulder straps and top center to be interlined with #250 Dacron.

MILITARY CREASES:

There shall be five sharp silicone military creases on all shirts. One crease on each front to be centered vertically. Front creases shall not be through pockets and flaps. Spacing for three military creases across shirt back to be proportionate to the size of the shirt.

CONSTRUCTION:

Collar, cuffs, flaps and shoulder straps are made with conventional construction. Top ply, bottom ply and interlining are first stitched together, then turned right side out and finally topstitched.

STOCK SIZES:

Shirts must be available in the following sizes:

Alpha sizes: S - 5XL

Female Style will be F1 FX5100W

FABRIC:

Content: 65% Polyester / 35% Cotton with Repel Finish

Weight: 5.0 oz. / square yard

Weave: Mini Ripstop

Available Colors:

Silvertan (F1 FX5120 04)

Black (F1 FX5120 10)

O.D. Green (F1 FX5120 27)

Navy Blue (F1 FX5120 86)

Brown (F1 FX5120 94)

Female shirts shall be constructed the same as the male shirts but cut on female patterns.

STOCK SIZES:

Shirts must be available in the following sizes:

Bust Sizes 30-52